

PN-ABC-845 61693

# INDEX of TECHNICAL PUBLICATIONS

- COMMUNITY DEVELOPMENT
- FOOD AND AGRICULTURE
- HOUSING, BUILDING AND PLANNING
- INDUSTRY AND MANAGEMENT
- LABOR AND MANPOWER
- PUBLIC ADMINISTRATION
- PUBLIC HEALTH

DEPARTMENT OF STATE  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
WASHINGTON, D. C. 20523

PN ABC 845

Far East Development Planning  
Library Copy

## FOREWORD

The Index of Technical Publications is a comprehensive listing of publications in:

<b>Community Development</b>	<b>Labor and Manpower</b>
<b>Food and Agriculture</b>	<b>Public Administration</b>
<b>Housing, Building and Planning</b>	<b>Public Health</b>
<b>Industry and Management</b>	

This material has been published by the Agency for International Development (AID) or made available through AID for distribution to United States technicians and counterpart technicians and institutions wherever development programs are underway.

The listed publications are of various types and sizes, ranging from small leaflets and abstracts to large books. In most cases, they have been specifically prepared for use in developing countries. They have been divided into seven major subject groups. However, many other subjects such as marketing, safety, transportation, cooperatives, and communications media are also included.

The Index was prepared by John F. Holman & Company, Inc., Washington, D.C., for the Publication and Technical Services Branch, Communications Resources Division, Agency for International Development of the United States Government under arrangement with the Office of Technical Services, Department of Commerce.

### Bibliographies

Bibliographies of additional publications in the technical areas are listed on page one of the Index. They are also listed at the beginning of each technical area section.

### Cross-References

Little cross-referencing has been attempted in this Index.

It is recommended that technical specialists explore allied sections. For instance, persons specializing in community development, housing, labor and public administration will be interested in the industry and management section. Also persons in community development, industry and management and labor will profit by scanning the public administration section.

## **Translations**

The publications listed in the Index are mostly in the English language.

Some of the material has been translated into French, Spanish, and Portuguese.

For translations, inquire of:

French – Regional Technical Aids Center (RTAC)  
American Embassy  
Paris, France

Spanish – Regional Technical Aids Center (RTAC)  
American Embassy  
Mexico City, Mexico

Portuguese – Regional Technical Aids Center (RTAC)  
American Embassy  
Rio de Janeiro, Brazil

These Centers can furnish a list of translated publications and information on future translations programs. Perhaps they can undertake the material you seek.

Another source of agricultural information, available in both English and Spanish, is the Inter-American Institute of Agricultural Sciences, Turrialba, Costa Rica. This Institute has produced materials under an AID contract since 1955.

For additional housing books in Spanish, write to the Inter-American Housing and Planning Center, Apartado Aereo 6209, Bogota, Columbia.

## **Communications Media**

Technicians in the field of Communications Media will find the MULTIPLIER HANDBOOK of value to their operations overseas. This is a compilation of simple methods and techniques for communication of information.

Technicians in all subject matter areas, interested in communicating with people, will find this book helpful in training and village work.

Section 7 of the MULTIPLIER HANDBOOK is a complete bibliography of the information communications field.

### **Ordering Copies**

Order these publications from the address below, giving code numbers, titles of your selection, and number of copies needed. Do not order by entire groupings.

We suggest that you try your local AiD office or Mission library first. If copies are not available there, write to:

Index of Technical Publications Desk  
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U.S.A.

April, 1964

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Code	Type of Publication
AB	Food and Agriculture Bibliographies
AC	Agricultural Communications
AE	Agricultural and Home Economics Extension
AG	Agriculture Publications
B	Bibliographies
BSB	Business Service Bulletins
BSB/B	Basic Information Sources Bulletins
BSB/S	Summaries of Information Bulletins
CD	Cost System Outlines
CDC	Community Development Case Studies
CDR	Community Development Review Articles
CDT	Community Development Training
CI	Cottage Industries Reports
CIR	Canadian Technical Inquiry Service Reports
CWS	Community Water Supply
DK**	Technical Digest Summaries
E**	Technical Digest Special Articles
ED**	Economic Development Articles
FC	Farm Credit and Cooperatives
GIR	Guides to Industrial Relations in the United States
GM	Government Manpower Planning and Services
H	Housing Publications
HIME	Housing Ideas and Methods Exchange Series
HR	Housing Research
IB	Information Bulletins
ID	Industrial Development Guides
IR**	Technical Inquiry Service Reports
LC	Foreign Labor Conditions
LL	Foreign Labor Law
M	Miscellaneous Reports
ME	Malaria Eradication Publications
O	Other Reports
PAD	Public Administration Digest
PAM	Public Administration Monographs
PAPR	Public Administration Prints and Reprints
PH	Public Health General Publications
PHB	Public Health Bibliographies
PO	Plant Operations Reports
PR	Plant Requirements Reports
RSOL	Reports from Other Lands

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\*The letters SP or FR appear at the end of a code number if the book is in Spanish or French.

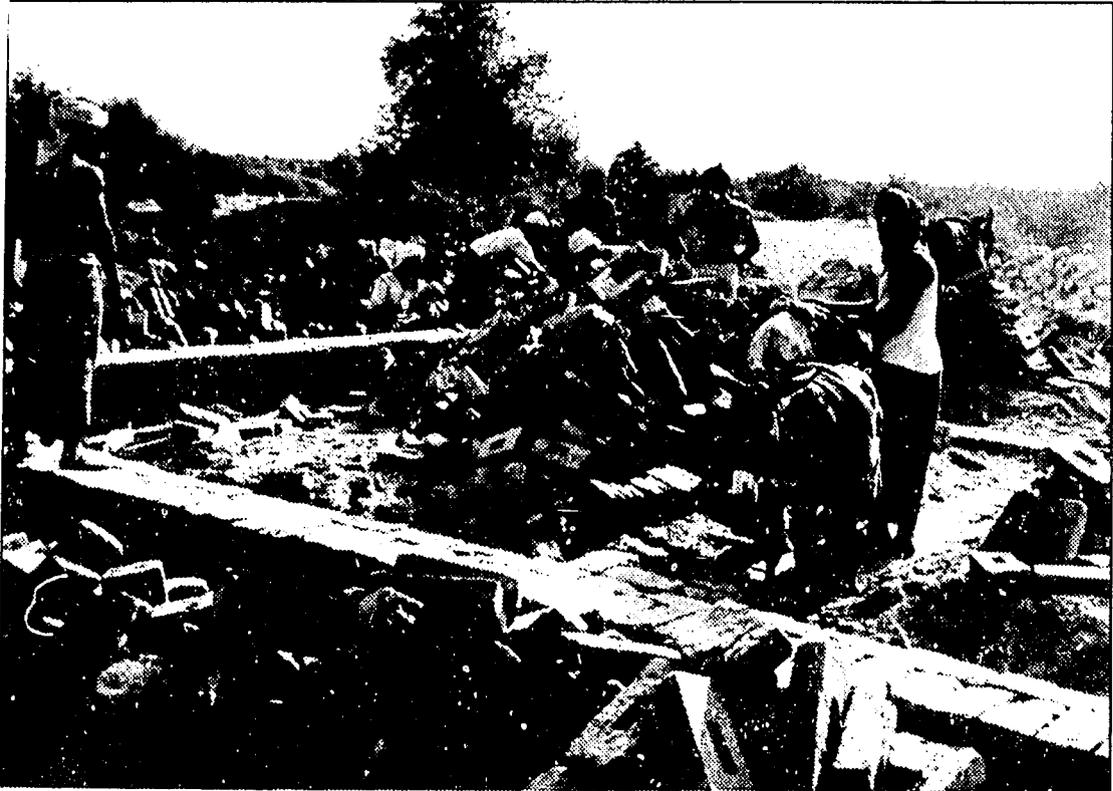
\*\*Available in limited quantities of one each.

<b>S</b>	<b>Seminar Reports</b>
<b>SBA</b>	<b>Small Business Administration Publications</b>
<b>SBAMA</b>	<b>Small Business Administration Management Aids</b>
<b>SBAMP</b>	<b>Small Business Administration Miscellaneous Publications</b>
<b>SBAMRS</b>	<b>Small Business Administration Management Research Summaries</b>
<b>SBASM</b>	<b>Small Business Administration Starting and Managing Reports</b>
<b>SBASMA</b>	<b>Small Business Administration Small Marketing Aids</b>
<b>SBATA</b>	<b>Small Business Administration Technical Aids</b>
<b>SBB</b>	<b>Small Business Bulletins</b>
<b>SRS</b>	<b>Special Reports and Studies</b>
<b>SSS</b>	<b>Standardization, Simplification and Specialization Studies</b>
<b>TB</b>	<b>Training Manuals (Technical Bulletins)</b>
<b>TD</b>	<b>Technical Digest Supplements</b>
<b>TI</b>	<b>Technical Inquiry Service Plant Requirements Reports</b>
<b>TS</b>	<b>Technicians Survey Reports</b>
<b>TU</b>	<b>Trade Union Development</b>
<b>VA</b>	<b>Food and Agriculture Visual Aids</b>

# BIBLIOGRAPHIES

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| AB-1    | An Annotated Bibliography of Home Economics Textbooks  | CI-6     | Selected Bibliographies on Manual Industry Methods and Equipment                                       |
| AB-2    | Selected List of Agricultural Books Prepared for a Technical Library in Morocco  | CM-1     | Communications Media – Multiplier Handbook (Section 7)   |
| AB-3    | List of Available Publications of the United States Department of Agriculture  | H-1      | Bibliography on Housing, Building and Planning   |
| AB-4    | Selected List of American Agricultural Books in Print and Current Agricultural Periodicals   | H-2      | Publications on Housing, Building and Planning Available from the Office of International Housing      |
| AB-5    | Bibliography on Foreign-Based Extension Research, 1950-1962  | H-3      | Publications of the Housing and Home Finance Agency  |
| AB-6 SP | Lista de Publicaciones (List of Publications)  | ID-12    | Selected References on Industrial Development  |
| B-7     | Motion Pictures Catalogue—Loan Films on Agriculture, Education, Industry, Health for Seminars, Conferences, and Training Programs  | IR-17587 | Bibliography of Pollution  |
| B-13    | Industrial Safety and Hygiene  | IR-18668 | Bibliography of Water Well Drilling  |
| B-15    | Industrial Technical Libraries of Paperback Books – includes "Industrial Organization and Management", "The United States Business System", "Public Administration", "Communications Resources", "Economics", "Industrial Technology", "Public Health and Related Little Libraries", "Agriculture", Physical Sciences" and "The Life Sciences" | IR-21639 | Water Analysis and Water Softening   |
|         |  | IR-21990 | Water Supplies and Plumbing (Household)  |
|         |  | O-32     | A Selected List of U. S. Readings on Development – includes lists of publications in many technologies |
|         |  | PAPR-13  | Suggested List of Basic Materials for a Personnel Library  |
|         |  | PAPR-45  | Development Administration and Assistance: An Annotated Bibliography                                   |
|         |  | PHB-1    | A List of Health Information Leaflets and Pamphlets of the U. S. Public Health Service                 |
| B-16    | A Small Selected Management and Technical Library  | PHB-2    | A List of Children's Bureau Publications, Social Security Administration                               |
| B-19    | Book Reviews   | PHB-3    | Suggested List of Books and Journals for a Small Medical Reference Library                             |
| B-20    | Literature Recommendations   |          |  |
| CDR-41  | Community Development – A Working Bibliography   |          |  |

# *COMMUNITY DEVELOPMENT*



Villagers building a school.

# COMMUNITY DEVELOPMENT\*

## BIBLIOGRAPHIES

- CDR-41 Community Development – A Working Bibliography  
 O-32 A Selected List of U. S. Readings on Development

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 CDR-3 Community Development Programs and Methods  
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 CDR-71 New Horizons for the Art of Community Development  
 CDR-81 Administration of Rural Development in the Underdeveloped Countries  
 CDR-81 Community Mobilization: The Way of Free Men to Mobilize Their Resources for Development and Democracy

**Note:** CDR articles are in limited supply. When ordering, be sure to give the code number and title for each article.

All CDR articles have been published in *Community Development Review* which has been distributed to all Missions. The CDR code number consists of the volume number and the issue number. Early issues of the *Review* were numbered 1 through 11. The first issue of 1959 was designated Vol. 4, No. 1, and thereafter a new volume and number series was started each year. This means, for example, that CDR-62 was originally printed in *Community Development Review*, Volume 6, Number 2.

\*See also "Cottage Industries", "Food and Agriculture", "Housing, Building and Planning", "Industrial Development" and "Public Health".

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CDR-63	Laos and Her Tribal Problems
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CDR-81	Comparative Community Organization

### CASE STUDIES

CDC-1	Five Community Development Stories out of West Africa
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CDR-52	Community Development: A Single Village Illustrates Techniques and Results of Growing Rural Movement
CDR-62	Report on a Study of the Pilot Project in Range Management Near Afmadu
CDR-63	Self-Help: The Road to Social Development in Puerto Rico

### CONFERENCES

CDR-42	Malaya - Community Development Seminar
CDR-44	Report on the Workshop on Community Development, United Nations Economic Commission for Africa, Addis Ababa, 14-25 September 1959

### DEFINITION

CDR-1	Community Organization and Development: Definitions of Terms, Roles and Objectives
CDR-2	The Meaning of Community Development
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### GROUP WORK

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 CDR-63 Motivation for Community Development  
 CDR-81 Community Mobilization: The Way of Free  
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 CDR-41 The Use of Case Material in Training for  
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CDR-42 Training for International Community Development  
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 CDR-54 Community Stability for New Nations  
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 CDT-5 Community Development, Extension and the  
 Village AID Synthesis  
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 Program Planning

**UNITED NATIONS**

CDR-1 Community Organization and Development:  
 Definitions of Terms, Roles and Objectives  
 CDR-3 Community Development and Related Services  
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 CDR-41 The United Nations Survey of Community  
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 CDR-5 Let the People Lead the Town  
 CDR-8 Urban Community Development  
 CDR-52 El Embalse – The Creation of a Community  
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**VOLUNTARY AND PRIVATE AGENCIES**

CDR-1      A Brief Consideration of the Role of Voluntary Agencies in Overseas Technical Assistance

CDR-2      The Role of Pilot and Demonstration Projects in Community Development Work

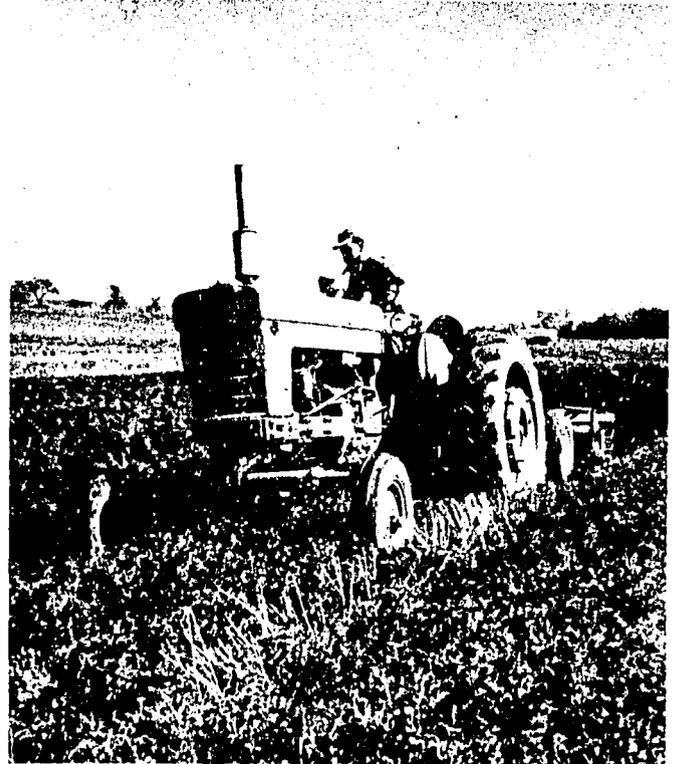
CDR-4      Selected Findings and Queries

CDR-61     Community Development and Junior Chamber International

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# *FOOD AND AGRICULTURE*



The old and the new in agriculture.

# FOOD AND AGRICULTURE\*

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# *HOUSING, BUILDING AND PLANNING*



Trying a new brickmaking machine.

# HOUSING, BUILDING AND PLANNING\*

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# INDUSTRY AND MANAGEMENT



Inside a steel mill.

# INDUSTRY AND MANAGEMENT\*

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<b>DK-250</b>	Production Planning Must Be a Top Policy		Projects Field)
<b>ED-66</b>	Training Manuals	<b>IR-28776</b>	Management: Optimum Operation of a Plant –
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	Organization Trade Associations	<b>MA-125</b>	Building Growth – Mindedness into Your
<b>IR-21403</b>	Export Promotional Organizations		Business
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SR-2	Austrian Management Seminar Team Report	CD-2	Accounting and Costs as Tools of Management for Control and Analysis
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TB-1	Conference Leadership	DK-59	Business Budget Gives Management Precise Control of its Activities
TB-2	Training Materials for Foundry Supervisors	DK-61	Controlling Manufacturing Costs
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TB-10	Job Relations Training Case Studies	DK-100	Lower Costs Through Correct Use of Office Forms
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TB-14	New Foreman Training Plan	DK-200	Minimizing Personnel Training Costs
TB-15	Selection and Training Shift Foreman	DK-228	How to Organize for Accurate Inventory Taking
TB-21	Conference Leadership Training	DK-242	How to Keep Tabs on Production Costs
TB-22	Economics Training	DK-251	Value Analysis
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TB-25	Fundamentals of Management	IR-19110	Capital & Financing in Drop Forging Industry
TB-27	Problems: Management Responsibilities	IR-19111	Accounting in the Drop Forging Industry
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TB-37	Management and Supervisory Training Charts	IR-20726	Time and Motion Study: Training Courses for Job Organization (Electrical Engineering and Power Generating Plants)
TB-38	Management and Supervisory Training Sound Films	IR-20735	Job Organization in Open Pit Mines
TB-39	Management and Supervisory Training Film Strips	IR-20981	Cost Accounting in Machine Tool and Die Manufacturing Plant
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#### CERAMICS

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- IR-24642/3 Manufacture of Calcium Carbide and Production of Drums for Its Storage and Transport—Bibliography
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- IR-25697 The Sweet Potato and Its Industrial Possibilities—Bibliography
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- IR-26051 Manufacture of Carbon Dioxide—Bibliography
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- IR-27326 Naphthalene Bails
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- IR-12453 Sodium Gluconate for Bottle Washing
- IR-13005 Cracking, Blistering and Sanding of Soap Cakes
- IR-15749 Synthetic Detergents
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 IR-26953 Cosmetics  
 IR-27021 Fish Oil  
 IR-27332 Perfumes and Hair Tonics  
 IR-27903 Soap Manufacture  
 IR-28182 Perfume  
 IR-28315 Laundry Bluing  
 IR-28375 Laundry Bluing  
 PR-51 Laundry and Milled Toilet Soap (3 tons per week)  
 TI-16A Laundry and Milled Toilet Soap (3 tons per day)  
 TI-76 Synthetic Detergent Powder

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CIR-1077 Disinfectant Bleach  
 CIR-1092 Cleaning Compounds  
 CIR-1099 Detergents for Mechanical Dishwashers  
 IR-15951 Explosives for .22 Caliber Cartridges  
 IR-20215 Disinfectant and Bleach: Household (Sodium Hypochlorite)—Production of  
 IR-21210 Flavone Determination, i.e. Hesperidin and Other Flavors in Citrus Fruits  
 IR-21770 Dentifrices—Formulation, Process Description, Equipment Suppliers, and Packaging Requirements  
 IR-21992 Ink — Additives to Improve Fluidity Fountain Pen and Manufacture High-Quality Black and Colored Printing Ink  
 IR-22009 Shoe Polish—Manufacture  
 IR-22058 Tooth Paste  
 IR-26642 Ink for Stamp Pads  
 IR-26934 Talc Crayons  
 IR-26951 Flameproofing—Rayon and Cotton Fabrics  
 IR-26952 Shoe Polish  
 IR-27800 Gelatine and Gelatine Capsules  
 IR-28236 Blackboard Chalk Coating  
 IR-28533 Castor Oil (Medicinal)  
 IR-28756 Bleach for Household Use  
 IR-29154 Artificial Pearls  
 IR-29242 Polishes  
 IR-29328 Foam Furniture Cushions  
 IR-29361 Borax  
 IR-30281 Plaster of Paris Bandages

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### BUILDINGS

CIR-1004 Greenhouse Construction  
 CIR-1074 Concrete Floor and Walls  
 CIR-1101 Putty & Crack Fillers (Waterproofing)  
 DK-212 Use of Sandwich Panels in Building Construction and How They Are Made  
 DK-218 Creamery and Dairy Floors—New Work and Repairs  
 DK-234 Floors, Too, Should Fit the Job

E-188 Demountable Cottages  
 E-217 Rammed Earth Construction  
 IR-6062 Techniques to Prefabricated Houses  
 IR-11535 Construction of Settlement Houses and Apartments  
 IR-11931 Modern Factory Constructing  
 IR-12150 Prefabricated Construction Methods  
 IR-12205 Building Industries  
 IR-13136 Soundproofing of Windows  
 IR-1400A&B Planning a Wholesale Food Terminal  
 IR-15373PR Building a Surgical Instrument Manufacturing Plant  
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 IR-18318 Building Activities, General  
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 IR-21784 Prefabricated Houses—Literature on Elements for Building  
 IR-22340 Civil Engineering  
 IR-22742 Parquet Flooring, Bonding to Cement  
 IR-22870 Industrial Building, Modern Design, Bibliography  
 IR-22991 Building Construction—Bibliography  
 IR-23190 Soundproofing  
 IR-23832 Waterproofing Agents for Concrete  
 IR-23941 Silos and Grain Storage Facilities  
 IR-24015 Publications on Building Construction for Earthquake Areas  
 IR-24265 Sprayed Concrete Curing Compounds  
 IR-24335 Prefabricated Steel Houses  
 IR-26009 Short Steel vs High Brick Chimneys  
 IR-27149 Reinforced Concrete  
 IR-27364 Earth-Block Walls  
 IR-27805 Beef Slaughterhouse Layout  
 IR-28267 Metallurgical Laboratories  
 IR-28541 Malthouse, Small Plant Requirements  
 IR-29229 Plant Layout  
 IR-29953 Oxygen and Acetylene Gas Plants  
 PR-50 Flush Doors  
 PR-98 Hardwood Parquet Floors  
 SBAMRS-20 Control Methods for Home Builders  
 SBATA-60 Uses of Precast Concrete  
 SSS-1 Building Industry  
 TB-137 The Cupola—Design and Operation  
 TI-22 Ornamental Ironwork

### MATERIALS

CIR-1076 Aluminum in Concrete  
 DK-84 Building Economically With Earth  
 IR-5945 Asphalt Shingles  
 IR-9806 Acoustic Fiber Board  
 IR-10367 Prestressed Concrete  
 IR-11265 Asbestos-Cement Products  
 IR-11927 Impregnation of Wooden Floors  
 IR-16049EP Waterproofing Dam Surfaces with Bitumen

IR-19610 Cinder Block - Material Proportions and Curing  
 IR-20058EP Tile Molding  
 IR-20119 Asphalt Shingle Production  
 IR-20396 Glass Brick and/or Block  
 IR-21017 Asphalt Roofing - Storage of Rolls of  
 IR-21022 Prefabricated Concrete and Building Stone, Decorative  
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 IR-21561 Slag Concrete Blocks for Building Blocks  
 IR-21724 Cork (Corkboard) - Manufacture for Sound and Heat Insulation  
 IR-22265 Quarries and Quarrying - Building  
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 IR-24538 Rolled Plastic Pipe—Bibliography  
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 IR-29340 Plastic Building Materials  
 IR-30079 Rubber and Vinyl Floor Tile  
 IR-30281 Plaster of Paris Bandages  
 PR-5 Asbestos-Cement Siding  
 PR-9 Building Hardware  
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 SBATA-60 Uses of Precast Concrete  
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DK-235 Base Courses: Materials and Construction Methods  
 E-158 Constructing Sand-Clay and Burnt-Clay Roads  
 E-169 Use of Split-Log Drag on Earth Roads  
 IR-11039 Soil-Cement and Asphalt Carpet  
 IR-13044 Concrete Slab for Roads and Runways  
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 IR-23406 Bridges  
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 IR-26006 Soil Oscillation  
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 IR-29707 Highway Standards

IR-29986 Highway Construction—Bibliography  
 IR-30807 Earth Dams—Bibliography

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DK-69 How to Construct a Field Blacksmith Shop  
 DK-120 Simple Basic Soil Samplings Provide Valuable Information to Builders  
 IR-6048 Road Building and Maintenance Machinery  
 IR-15559 Construction Machinery Rentals  
 IR-19422 Tractors (Crawler-type)—Production of  
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 BSB-84 Do-It-Yourself Market  
 BSB-95 Bibliography: Home Businesses  
 BSB-98 Bibliography: Handicrafts and Home Products for Profits  
 CI-1 Cottage Industries in India  
 CI-2 Cottage Industries in India  
 CI-3 Program of Cottage Industries in the Philippines  
 CI-4 Cottage Industries in Indonesia  
 CI-6 Bibliography: Manual Industry Methods and Equipment  
 CI-8 Greek Crafts  
 CI-9 Crafts of Jordan and Lebanon  
 CI-10 Power Transmission for Cottage Industry  
 CI-11 Village Technology Handbook  
 DK-189 Build your own Carbide Tools  
 DK-193 Manufacture of Glue on a Cottage Industry Scale  
 E-106 Home Canning of Fish  
 IR-25097 Homemade and Commercial Soaps  
 IR-26014 Coconut Fiber (Coir)  
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 SBB-1 Handicrafts and Home Products for Profit—Bibliography  
 SBB-2 Home Businesses—Bibliography  
 SBB-3 Selling by Mail with Limited Capital—Business Line Summary  
 SBB-4 New Product Development and Sale—Bibliography  
 SBB-6 Mail Order Selling—Bibliography  
 TB-64 Record-Keeping Forms for the Handicrafter

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BSB-50 Dry Cleaning Plants Operating Costs and Ratios  
 BSB-187 Automatic Laundries  
 CIR-1077 Disinfectant Bleach  
 IR-21798 Dry Cleaning and Laundry Business—Accounting and Operation  
 IR-23207 Rug Washing Plant

IR-27682 Bluing Trouser Buckles  
 IR-28226 Palmetto Fibers (Use of) Emphasis on Handicraft  
 IR-28315 Laundry Bluing  
 IR-28375 Laundry Bluing  
 IR-29661 Steam Laundries  
 PR-47 Dry Cleaning  
 PR-51 Laundry and Milled Toilet Soap (3 tons per week)  
 SBB-22 Automatic Laundries—Summary with Bibliography  
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DK-34 Designing the Small Industrial Power Plant for Economic Operation  
 DK-65 How to Select Best Voltage System for Industrial Plant Motor  
 DK-239 In-Ploce Treatment of Utility Poles and Waterfront Piling  
 E-247 How to Construct an Electric Feed Mixer  
 IR-13166 Electric Power Distribution in Rural Areas  
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 IR-30325-B Electric Fans (Ceiling and Table)  
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 PR-39 A Small Community Electric System  
 SRS Economic Aspects of Electrical Power Production  
 SSS-4 Electrically Operated Household Appliances  
 TB-16 Power Plant Training Course  
 TD-1 Energy from the Sun  
 TI-12 Fractional and Small H. P. Electric Motors and Direct Starters for Squirrel-Cage Motors  
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D-8599 Control of a Job-Shop Machine Floor  
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 CIR-1098 Potato Storage  
 CIR-1115 Bananas and Apples, Process of  
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 CIR-1120 Dehydration of Peas  
 CIR-1124 Fruit Handling and Bibliography of 31 References on Apple Processing  
 CIR-1135 Beets, Canned  
 DK-47 Preparing Banana Powder  
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 DK-49 Sun Drying and Dehydration of Raisin Grapes  
 DK-50 Dehydration of Apricots  
 DK-51 Dehydration of Apples  
 DK-107 Berry Juice & Concentrates (Canned or Frozen)  
 DK-149 Carbonated Fruit Beverages  
 DK-152 Filtration-Extraction of Soybean is Effective Using Either Cooked or Uncooked Flakes  
 DK-170 Keeping Dried Fruit Clean  
 DK-181 Packing Fresh Citrus Fruit in Shipping Boxes  
 E-115 Use of Water in Canning Fruits and Vegetables  
 E-118 Processing of Fresh Prunes  
 E-129 Preservation of Fruits and Vegetables by Commercial Dehydration  
 E-152 Three Processes Yield Meal and Oil From Soybeans  
 E-162 Processing, Grading and Marketing of Evaporated Apples  
 E-164 A Small Peach Canning Project  
 E-171 Methods of Sun Drying Fruit, and the Equipment Needed  
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 IR-25685 Production of Tomato Paste and Tomato Sauce  
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 IR-26714 Lime and Lemon Juices  
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 IR-26723 Coconut Bleaching  
 IR-26802 Soybean Processing  
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 IR-27009 Castor Bean Plant  
 IR-28255 Potato Byproducts  
 IR-28342 Banana Flour  
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 IR-30478W Papaya Products, Production of  
 PR-63 Unfermented Grape Juice  
 PR-71 Soybean (Oil and Meal) Processing  
 PR-116 Potato Chips, Plant Requirements  
 PR-123 Fruit and Vegetable Juices  
 TI-20 Orange Juice  
 TI-21 Orange Juice  
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#### MEAT, POULTRY AND ANIMAL FATS (PROCESSING)

CIR-1073 Smoke Houses (Construction)  
 CIR-1075 Fuels for Smoking Meats  
 CIR-1134 Feather Meal  
 DK-68 Packaging Process Extends and Improves Storage Life of Fresh Meats  
 DK-183A Sausage Manufacturing Process and Plant Equipment  
 E-101 Canned Meats and Poultry  
 E-121 Processing Poultry Feathers for Fertilizer and Other Uses  
 E-174 Equipment for a Small Poultry Dressing Plant  
 E-202 Dehydration of Meat  
 E-218 Methods of Processing Bacon  
 E-250 The Manufacture of Sausage  
 IR-6866 Manufacture of Salami and Sausage

IR-7457 Manufacturing Sliced Bacon  
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 IR-11104 Butchering and Packing House Procedures  
 IR-11790 Operational Data of Slaughterhouses  
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 IR-19278 Production of Canned Corned Beef  
 IR-19505 Bone Meal - U.S. Manufacture of Equipment for Crushing  
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 DK-202 Factors to be Considered in the Cold Storage of Fish  
 E-106 Home Canning of Fish  
 E-111 Methods of Processing Fish to Produce Oil and Meal  
 E-139 Oyster Shell Flour Used in Sugar Cane Processing  
 E-185 The Processing of Shrimp  
 E-235 Salting and Pickling Fish  
 E-248 Canning of Fish  
 IR-8376 Deodorization of Fish Oil  
 IR-10432 Freezing Fish Fillets at Sea  
 IR-11262 Fish Processing  
 IR-12832 Odor Control During Fishmeal Processing  
 IR-15475&S Meat Packing and Fish Processing  
 IR-15639&S Fishmeal Processing  
 IR-16109 Shrimp Packaging  
 IR-16124 Specifications for Fishmeal  
 IR-16247 Canning Sardines

IR-18477 Smokehouse Drying of Fish  
 IR-18810 Literature on Freezing Fish  
 IR-19082 Fish, Vegetable and Fruit Canning  
 IR-19943 Fish Flour-Processing and Estimate of Value in High Protein Additive in Wheat and Corn Flour  
 IR-22320 Fish Flour and Fish Byproducts  
 IR-22586 Sardine Canning, Machinery for  
 IR-22703 Fish Freezing and Packaging-Refrigeration  
 IR-26015 Lobsters  
 IR-26716 Shrimp Canning  
 IR-28892 Milk Substitute (Incaparina)  
 IR-29431 Fish Flour (Fish Meal)  
 IR-31144 Fisheries in U. S.  
 PR-48 Fish Meal  
 PR-122 Seafood Processing Plant  
 TI-65 Sardine Canning

## DAIRY PRODUCTS

CIR-1013 Buttermilk, Powdered  
 DK-52 Preserving Eggs by Dehydration  
 DK-53 How Dried Milk is Made  
 E-154 Manufacturing of Cottage Cheese  
 E-178 The Manufacture of Casein  
 E-194 Equipping a Milk Plant  
 E-204 How to Dry Eggs  
 E-210 Recommended Procedures for Small Scale Butter Making  
 E-221 Dehydration of Milk  
 IR-5869 Dairy Plant Layout and Equipment  
 IR-5919 Manufacture of Raw Lactose  
 IR-6358 Evaporated Powdered Milk Process  
 IR-15586 Ice Cream Plant  
 IR-16857 Dairy Plant  
 IR-17433 Bibliography in Manufacturing Ice Cream  
 IR-17722 Preparation of Egg Products  
 IR-19914 Powdered Milk Mixing Equipment  
 IR-21260 Milk Pasteurizing Equipment  
 IR-23027 Ice Cream Manufacture - Bibliography  
 IR-23200 Additions Used in Auxiliary Products for Cheese Manufacture  
 IR-23275EP Egg White Drying  
 IR-23825 Dairy Products  
 IR-24486 Egg Preservation - Bibliography  
 IR-25673 Powdered and Condensed Milk  
 IR-25675 Dehydrated Eggs for the Food Industry, Production of  
 IR-25689 Chocolate (Milk)  
 IR-25692 Dairy Products  
 IR-25731 Powdered and Condensed Milk  
 IR-26175 Yoghurt  
 IR-26176 Butter  
 IR-28892 Milk Substitute (Incaparina)  
 IR-29046 Powdered Eggs  
 IR-30445 Milk Pasteurizing Plant  
 IR-30711 Milk, Powdered and Condensed  
 PR-118 Processing of Dairy Products  
 TI-15 Ice Cream

## GRAINS, BAKERY AND SEMOLINA PRODUCTS

ESB-132 Bibliography: Bakery Products  
 CIR-1000 Self-Unloading Vehicles for Bulk Handling of Foodstuffs  
 DK-32 Bulk Sugar Handling System Improves Bakery Efficiency  
 DK-54 Improved Method for Drying of Western Rice  
 DK-151 Mold Control for Bakery Products  
 DK-245 Good Mixing Room Procedures and Practices  
 E-141 Processes of Bread Manufacture  
 E-182 Mechanical Milling of Rice  
 E-190 Manufacture of Starch from Wheat Flour  
 E-216 Manufacture of Corn Meal  
 IR-12672 Bread Enrichment and Home-Study Course in Bread Making  
 IR-15476 Rice Drying and Milling Equipment  
 IR-15697 Rice Starch Process  
 IR-16343EP Bread Making-Automatic Equipment  
 IR-17642 Dry Cereals  
 IR-17887 Bread  
 IR-18067 Noodles  
 IR-18216 Biscuits  
 IR-19052 Equipment for Bakeries  
 IR-19943 Fish Flour-Processing and Estimate of Value in High Protein Additive in Wheat and Corn Flour  
 IR-20324 Rice Production, Minute (Dehydrated)  
 IR-20764 Wheat Germ Products  
 IR-20868 Animal Feed Concentrates  
 IR-21496 Corn and Soya-Industrial Uses of  
 IR-21625 Bread Enzymes-Regulations and Standards Used In U.S.  
 IR-22137 Milling Corn and Sorghum  
 IR-22181 Flour Testing and Baked Products  
 IR-22186 Millstones-Milling Wheat  
 IR-22429 Corn-Milling and Related Processing  
 IR-22886EP Rice  
 IR-22950 Flour Milling - Bibliography  
 IR-23972 Flour Milling  
 IR-24013 Flour Waste Processing  
 IR-24076 Wheat Milling  
 IR-24921 Flour Mill Equipment - Bibliography  
 IR-25087Rev. Semolina Products (Spaghetti, Noodles, Macaroni, etc.)  
 IR-25679 Oil from Rice Bran (Unrefined)  
 IR-25680 Starch from Broken Rice  
 IR-26166 Salted Soda Cracker  
 IR-26682 Iron Enrichment of Bread  
 IR-26709 Corn and its Byproducts  
 IR-26726 Bread Enrichment  
 IR-27610 Feed Milling  
 IR-27948 Baking Powder and Yeast  
 IR-28167 Starch  
 IR-28448 Sorghum Grain - Industrial Uses  
 IR-28541 Barley (Used for Commercial Malting) Malt-house  
 IR-29104 Cornstarch - Bibliography  
 IR-30061 Parboiled Rice  
 IR-30228 Small Flour Mill

IR-31489 Corn Flakes and Breakfast Cereals - with  
IR-11680  
PR-70 Milled Rice  
PR-75 Rice Bran Oil  
PR-114 Small Bread Bakeries  
SSB-19 Bakery Products - Bibliography  
TI-83 Biscuits and Crackers

### VEGETABLE OILS, SHORTENINGS AND NUT BUTTERS

CIR-1005 Manufacture of Margarine  
CIR-1087 Fat Hydrogenation Plant  
CIR-1112 Vegetable Oils for Deep Fat Frying  
CIR-1130 Margarine  
E-135 Manufacture of Peanut Oil  
E-233 Processing Soybeans for Oil and Meal  
IR-5860 Process of Peanuts  
IR-11242 Production of Shortening  
IR-15565 Vegetable Oil Extractor Plant  
IR-16421 Coconut Oil Extraction  
IR-17362 Olive Processing  
IR-17627&S Coconut Processing  
IR-17813&S Manufacture of Peanut Butter  
IR-18186 Solvent Extraction of Avocado Oil  
IR-18952 Coconut Oil Extraction  
IR-19605 Peanuts, Processing  
IR-21250 Peanuts, Butter and Other Products, also  
Use of Peanut Shell  
IR-21257 Peanut Butter and Peanut Oil Byproducts—  
Manufacture of  
IR-22047 Peanut Butter  
IR-22135 Soybeans, Soya  
IR-23458 Castor Oil  
IR-25100 Oil Seed Processing—Cotton Gin Manufactures—  
Bibliography  
IR-25116 Linseed Oil Extraction  
IR-26155 Extraction of Pine Needle Oil  
IR-26179 Nut Butters, Preparation of  
IR-26710 Palm and Coconut Oil, Bleaching Process  
IR-26711 Margarine, Plant and Machinery Requirements  
for Production  
IR-28447 Peanuts: Industrial Uses  
IR-29226 Vinegar Production  
IR-29267 Essential Oils: Production of  
IR-29327 Oils and Fats  
IR-29586 Castor Oil Extraction Plant  
IR-30199 Containers for Cottonseed Oil  
IR-30205 Cotton Gin Mill Machinery  
IR-31336 Corn Oil  
IR-31460 Copra and Coconut Oil  
PR-4 Animal Feed Pellets  
PR-71 Soybean Processing  
PR-75 Rice Bran Oil  
TD-11 Vegetable Fats and Oils

### SYRUPS, SUGAR, MOLASSES AND PRODUCTS

CIR-1000 Self-Unloading Vehicles for Bulk Handling of  
Foodstuffs  
CIR-1095 Table Syrup

E-104 Improving a Small-Scale Sugar Processing  
Industry  
E-108 Industrial Uses of Sugar Cane Bagasse  
E-139 Oyster Shell Flour Used in Sugar Cane  
Processing  
E-150 Clarification Processes Used in the Manu-  
facture of Sorghum Syrup  
E-155 Production of Sweet Potato Syrup  
E-166 Small-Scale Manufacture of Sugar Cane Syrup  
IR-12672 Clarification of Molasses  
IR-15672 Molasses (Sugar Cane) Byproducts  
IR-16568EP Yeast (Baking) from Molasses  
IR-16847 Beet Sugar  
IR-17365 Productivity in Sugar Mills  
IR-17509 Sugar  
IR-188665 Beef Sugar: Sales Promotion  
IR-20060 Sugar - Decolorizing  
IR-21682 Beet Sugar Refineries - Maintenance  
Practices in  
IR-21875 Sugar (Beet) - Literature on Refining  
IR-22137 Milling Corn and Sorghum  
IR-22859 Molasses  
IR-24435 Detergents from Molasses  
IR-24962EP Detergents from Suckose Esters  
IR-25765 Glucose Syrup  
IR-26016 Sugar Cubes from Refined Sugar  
IR-28124 Honey, Industrialization of  
IR-28300 Glucose from Tapioca Flour, Manufacture of  
IR-28929 Cellulose from Sugar Cane Bagasse  
IR-29052 Caramel  
IR-29265 Glutamic Acid and Monosodium Glutamate  
(from Beet Molasses)  
IR-29950 Chocolate Industry  
IR-30697 Sugar Manufacture - Bibliography  
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PR-27 Raw Sugar  
PR-53 Molasses  
PR-79 Dehydrated Molasses

### MISCELLANEOUS SPECIALTY FOODS

CIR-1096 Dehydrated Onion Flakes  
CIR-1098 Storage of Potatoes  
DIR-1112 Oil for Frying Potato Chips  
CIR-1115 Banana (Pureed) Processed for Ice Cream  
CIR-1127 Brewers' Yeast  
DK-149 Carbonated Fruit Beverages  
E-113 Manufacturing Vinegars from a Variety of  
Fruit Juices  
E-138 Using Citrus Fruit Peel for Candies  
E-184 Tea Processing and Equipment  
E-211 Manufacturing of a Tapioca Starch  
E-213 Manufacture of White Potato Starch  
E-241 Vinegar Made from Orange Juice  
E-244 How to Prepare Potato Nuts  
E-253 Manufacture of Potato Starch  
E-254 Manufacture of Agar-Agar  
IR-10486 Preservation of Kraut and Cucumbers  
IR-10596 Processing of Orange Powder  
IR-11349 Freezing of Pastries

IR-11772	Production of Milk Chocolate	IR-25681	Banana Puree (Frozen, Banana Flakes, Banana Flour)
IR-11933	Preserving Sauerkraut	IR-25684	Mushroom Growing and Processing
IR-12377	Glazed Fruits, Peels and Nuts	IR-25689	Chocolate Manufacture
IR-15302	Processing of Cashew Nuts	IR-25765	Glucose Syrup (Corn Syrup)
IR-15442	Potato Flour	IR-26688	Glucose
IR-15544	Cocoa Powder	IR-26724	Cocoa and Chocolate
IR-15564	Manufacture of Starch	IR-27058	Potato Flour and Potato Starch
IR-15770	Processing Mango Nectar	IR-27182	Yeast Production
IR-15811EP	Licorice	IR-27220	Pectin Manufacture
IR-16065PR	Processing of Orange Juice for Packaging in Paper Containers	IR-27480	Cottonseed Flour
IR-16315	Processing Mandioca	IR-27544	Peppermint Oil and Menthol
IR-16777	Tapioca Starch (Flour)	IR-27576	Yucca Starch
IR-16929	Bibliography on Confectionery	IR-28062	Nitric Acid, Production of
IR-17477	Manufacture of Cassava Starch	IR-28167	Cassava Starch
IR-18141	Food and Food Preparation: Yeast	IR-28255	Potato Byproducts
IR-18733	Vinegar from Fruit Juices	IR-28300	Glucose from Tapioca
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IR-21035	Cake Mixes--Equipment of Mix, and Shelf Life of Mix	PR-76	Starch
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IR-22012	Coffee	TD-4	Food Dehydration
IR-22027	Bibliography: Brewery Industry	TI-54	Mayonnaise
IR-22074	Dog Food (Pelletized)--Production of	<b>PROCESSING AND EQUIPMENT</b>	
IR-22116	Fruit Juice and Jellies--Production Techniques	BSB-117	Bibliography: Frozen Foods and Lockers
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IR-23839	Pan Coating of Almonds	CIR-1120	Dehydration of Peas
IR-23840	Information on Kola Flavors	CIR-1130	Margarine & Food Packaging Machinery
IR-23890	Ginger	DK-7	Setting Up a Small Food Canning Plant
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IR-24833	Chili Sauce, Tabasco Type	DK-107	Process Yields Berry Juices and Concentrates Suitable for Storage in Canned and Frozen Packs
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 IR-29704 Flour Milling  
 IR-29939 Chewing Gum  
 IR-29955 Powdered Flavoring Essences  
 IR-30228 Small Flour Mill  
 IR-30445 Milk Pasteurization Plant  
 IR-30648 Baby Food Processing Equipment  
 IR-30711 Milk, Powdered and Condensed  
 IR-30735 Sunflower Growing and Oil Production  
 PO-12 Small Canning Facilities  
 PR-118 Processing of Dairy Products  
 PR-122 Seafood Processing Plant  
 SBB-17 Restaurants and Other Eating Places - Bibliography  
 TD-4 Food Dehydration

#### FUEL

DK-232 The Role of Draft in Firing Periodic Kilns  
 E-128 Charcoal Production (Utilizing Wood Waste)  
 E-186 Peat Fuel Manufacture  
 IR-7039 Industrial Uses for Propane  
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IR-9847 Requirements for Liquid Petroleum Gas Cylinders  
 IR-13864 Coal and Coke Dust Used as Fuel  
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 IR-29988 Ammonium Nitrate—Fuel Oil Explosives  
 IR-30120 Activated Carbon  
 IR-30838 Charcoal for Cupola Fuel  
 IR-31318 Charcoal Briquettes, Manufacturing of  
 TD-8 Kerosene Devices

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BSB-6 Furs, Raw and Dressed  
 BSB-56 Animal Hair  
 DK-230 Durable Waterproofing for Clothing Tested  
 IR-5643 Machinery for Manufacturing Men's Undergarments  
 IR-9510 Hosiery Manufacture  
 IR-9511 Circular Hosiery Production  
 IR-9512 Productivity of Hosiery Manufacture  
 IR-9513 Equipment of Hosiery Manufacture  
 IR-10537 Operation of Knitwear Mills  
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IR-28563	Diapers for Babies	DK-26	Designing and Putting a Production Control Plan into Action
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 in Grain Storage Elevators (& Safety  
 Measures)  
 IR-22041 U. S. Insurance Companies—Documentation  
 of Methods of Operation  
 IR-22759 Hospital Plans and Health, Welfare Insurance  
 and Related Bibliography  
 IR-23923 Insurance Costs  
 IR-26585 Credit Unions and Cooperative Insurance  
 Companies  
 IR-29269 Insurance Companies, Organizational Patterns  
 of

IR-23998 Shoes  
 IR-24317 Standards in the Hide and Skin Industry  
 IR-24410 Information on Leather Tannery (Goat and  
 Sheep)  
 IR-24496 Footwear Factory Newspapers-Bibliography  
 IR-24953EP Leather Processing  
 IR-25095 Shoe Production  
 IR-25287 Tanning Shark Skin  
 IR-25444 Small Leather Tanning  
 IR-25483 Shoe Last Manufacturing  
 IR-25576 Heel Stiffeners  
 IR-26864 Leather Tanning  
 IR-26948 Children's Shoes  
 IR-27133 Tanning of Fur Skins  
 IR-27804 Shoe Factories  
 IR-27983 Artificial Leather  
 IR-28049 Manufacturing Shoe Laces  
 IR-28077 Leather, Morocco  
 IR-28214SS Leather Goods  
 IR-28406 Tanning Extract from Bakou-Bakou Bark  
 (Rizophora Confugata)

### LEATHER

BSB-22 Leather and Its Raw Materials  
 BSB-168 Tanning Materials  
 DK-38 Odor Control for Tannery Waste  
 DK-72 Hand-Made Leather Gloves  
 DK-96 How to Prevent Mildew and Mold Damage to  
 Paint and Leather  
 E-102 Tanning Hides and Skins Into Leather  
 E-127 Procedure for Uniform Tanning of Fish Skins  
 E-131 Leather Handicraft Methods  
 E-142 Small-Scale Tanning of Leather  
 E-220 Small-Scale Tanning Method  
 E-256 Home Tanning of Hides and Skins for  
 Serviceable Leather  
 IR-5958 Methods of Shoe Manufacturing  
 IR-7425 Layout and Performance of Shoe Sole Factory  
 IR-10443 California Working Method of Shoe Production  
 IR-16529 Automobile V-Belts  
 IR-16747 Defleshing Rawhide  
 IR-17450 Finishing Pigskin  
 IR-17484 Leather Cutting Industry Machinery  
 IR-17722 Eggs Used in Tanning  
 IR-18213 Tanning Leather  
 IR-18386 Leather Tanning  
 IR-18923 U. S. Specifications on Leather  
 IR-19465 Tanning - Hide Flayers - U. S. Manufacturers  
 of Machinery  
 IR-19599 Animal Hides and Skins - Methods of Dressing  
 (Non-Destructive)  
 IR-21019SS Tanning—Literature on Home Curing, Tanning  
 Methods and Preparation of Alligator  
 Skins  
 IR-21650 Literature on Chemicals Used in the Processing  
 of Leather  
 IR-21778 Hide (Artificial) - Production of Utilizing  
 Wastes

IR-28500 Gelatin (Glue) from Animal Skin  
 IR-29296 Hide Fleshings Byproduct  
 IR-29696 Chrome Leather Tanning  
 IR-29904 Sandals  
 IR-30105 Women's Shoes (Cemented Process)  
 PR-20 Leather Tanning  
 PR-72 Chrome Tanned Leather  
 RS-5 Leather Machinery Terms  
 TB-119 Leather Chemistry for Foremen - 1st  
 Year Course  
 TB-120 Leather Chemistry for Foremen - 2nd  
 Year Course  
 TB-121 Leather Chemistry for Foremen—3rd Year  
 Course  
 TB-140 Leather Technology  
 TI-18 Men's Dress Shoes  
 TI-44 V-Belts

### LUBRICANTS

CIR-1131 Lavender Oil  
 CIR-1132 Rapeseed Oil: As a Lubricant  
 DK-44 How to Obtain the Most Efficient  
 Use of Cutting Oils  
 DK-79 Select the Correct Cutting Oil and Coolant for  
 Maximum Efficiency  
 E-246 The Manufacture of Lubricating Greases  
 IR-15028 Type Lubrication Used in Deep Drawing  
 IR-6393A Uses of Molybdenum Disulfide as a Lubricant

**IR-12861** "Hi-Jet" Cooling System for Cutting Tools (Oil)  
**IR-15695EP** Automobile Lubrication  
**IR-16768** Launching Lubricants for Shipyards  
**IR-19659PR** Oil; Lubricating, Used-Reconstitution  
**IR-19744** Oil Filter Medium "Paxte"—Evaluation of  
**IR-20399** Lubricants (Greases)  
**IR-20405** Lubricating Oil (Used) - Reconstitution of  
**IR-22701** Tallow from Sheep Fat  
**IR-22864** Lubricating Thrust Bearings on Vertical  
 Turbines in Hydro Power Stations  
  
**IR-23766** Lubrication  
**IR-23841** Production of White Grease  
**IR-30059** Cutting Oils - Bibliography  
**IR-31322** Lubricant Blending Plant  
**SBATA-13** Cutting Oils and Coolants  
**SBATA-28** Economies in Lubrication  
**SBATA-32** Essentials of Good Plant Lubrication  
**SBATA-34** Handling, Storing, and Dispensing of  
 Lubricants  
  
**TB-43** Lubrication Fundamentals and Practices  
 (Sessions I, II, III)  
**TB-44** Lubrication Fundamentals and Practices  
 (Sessions IV, V, VI and VII)

#### LUMBER AND WOOD

#### LOGGING AND LUMBERING

**BSB-54** United States Exports of Lumber, 1953  
**BSB-164** Bibliography: Lumber (U. S. Exports, 1955)  
**BSB-171** Lumber and Wood Products  
**BSB-203** Plywood—U. S. Imports, 1934—56  
**CIR-1001** Exhaust Systems - Woodworking Plants  
**DK-74** Methods of Manufacturing Small Dimension  
 Stock  
**DK-75** Cold-Soak Method of Wood Preservation  
**DK-76** A Simple Trough-Type of Small Sawmill  
 Conveyor  
**DK-111** Layout of Lumber Mill for Production of  
 Small Dimension Stock  
**DK-158** Machine Requires No Roads to Skid Trail  
 Lengths  
**DK-174** Prevent Blue Stain in Lumber by Correct Air  
 Seasoning  
**DK-186** Bark Removal Equipment and Methods for  
 Sawmill Operations  
**DK-206** Lowering Trees to the Ground Log by Log  
**DK-237** Wood Preservation with Special Reference to  
 the Osmose Process  
**DK-238** End Diffusion Treatment of Fence Posts  
**DK-239** In-Place Treatment of Utility Poles and  
 Waterfront Piling  
**DK-246A** Chip Handling  
**DK-2463** Handling in the Woodyard  
**E-107** Combination Sawmill and Woodworking Plant  
**E-126** Establishing and Operating a Small Sawmill  
**E-196** Lumber Supply Yard Specifications  
**E-206** The Grading of Lumber Product  
**E-208** Arrangement of a Sawmill

**E-237** Lumber Drying Methods Used by Small Sawmills  
**IR-17053** Portable Sawmills  
**IR-19676** Cativo Resin, Use of  
**IR-21492** Sawdust Burners, Construction and Operation of  
**IR-21495** Paneling —How to Install and Finish Hardwood  
 Lumber  
  
**IR-21640** Poles, Treatment of for Power Lines — Timber  
**IR-21812** Treatment of Wood Poles and Crossarms  
**IR-22911** Logging Equipment  
**IR-23809** Debarking Machines  
**IR-24576** Circular Saws—Bibliography  
**IR-27438** Lumber Business: Management Principles  
 and Techniques  
  
**IR-27508** Lumber Industry—Advertising  
**IR-27509** Lumber Business—Fixed Assets  
**IR-27553** Wood Preservation  
**IR-28104** Wood Preservation by Pressure Treating  
**IR-29580** Wood Drying  
**IR-29852** Kilns for Lumber Drying  
**PO-7** Dressed and Finished Lumber Planing Mill  
**PO-9** Rough Sawing of Logs  
**PO-11** Sash and Door Plant  
**PO-13** A Small Sawmill Enterprise  
**PO-15** Lumber Seasoning  
**SBAMRS-37** Forestry and Forest Products in New  
 Hampshire  
**TI-56** Small Particle Board Plant

#### WOOD UTILIZATION

**CIR-1121** Wood Dust Explosion Hazards  
**DK-11** How to Process Hardboard from Hardwoods  
**DK-12** Excelsior: A Mechanically Reduced Wood  
 Product  
**DK-13** Materials and Methods Used in the Bleaching  
 of Wood  
**DK-39** Core Materials for Plywood  
**DK-40** Safety Checklist for Wood Finishing  
**DK-41** Proper Use of Woodworking Cutters  
**DK-73** Lay up Efficiency Controls Plywood Production  
**DK-112** Planes for Use in the Workshop (Woodworking)  
**DK-157** A Guide to "Sanding Wood in the White" and  
 Wood Finishing  
**DK-187** Use of Hand Tools in a Woodworking Shop  
**DK-203** Rapid Beam Laminating Reduces Glue Costs  
**DK-204** Materials, Methods and Equipment Used in  
 Fabricating Hardwood Pallets  
**DK-205** Gluing Plastic Sheets to Furniture Cores  
**DK-230** Fence Extension Handles Plywood Sheets  
 Vertically  
**DK-231** The Manufacture of Cork Products and Some  
 Major Uses  
**DK-247** How to Control Fuzzy Grain in Planing  
**E-114** Methods of Treating Wood with Preservatives  
**E-143** Methods of Bending Wood for the Manufacture  
 of Various Products  
**E-148** Wooden Barrel and Basket Manufacture  
**E-156** Equipment and Methods for Harvesting Products  
 of Small Woods  
**E-161** Manufacture of Small Dimensional Wood Stock



DK-159	Large-Bore Clutches Provide Bracing Control for Rock Handling Conveyors	IR-21185	Sand Washing Devices—U. S. Sources
DK-169	Horsepower Ratings of Industrial Motors are Increased with Silicon Insulated Wire	IR-21355	Machine Shops
DK-177	Suggestions for Improving Hand Truck Operations	IR-21440	Bibliography: Jet Motors
DK-178	Good Air-Operated Work Holding Devices Reduce Machine Loading and Unloading Time	IR-21644	Internal Combustion Engine (Motor Vehicle)—Literature
DK-179	Shop-Made Hand Press Saves Time in Making Holes in Electric Relay Cases	IR-21661	Clutches—Fluid Drive
DK-165	How to Adjust Carburetor to Get Efficient Tractor Engine Performance	IR-21997	Pressure Measurement and Control
DK-186	Bark Removal Equipment and Methods for Sawmill Operations	IR-22082EP	Diesel Engines—Engine Wear Test
DK-187	Use of Hand Tools in a Woodworking Shop	IR-22244	Dies—Tools and Dies
E-224	Quality Products Manufactured with Simple Equipment	IR-22276	Machinery Installation and Erection
ED-13	The Use of Second-Hand Machinery in Developing Economies	IR-22828	Straw Hats
IR-5038	Standards of Machine Tools	IR-22896	Stonecutting Machines
IR-6733	Machinery for the Production of Steel Pot Pads	IR-22912	Production of V-Type Belts
IR-11773	Drying Equipment for the Shoe Manufacturing Industry	IR-23050	Woodworking Machinery—Bibliography
IR-13218	Prevention of Deterioration of Electrical Equipment	IR-23052	Earth Moving Equipment—Bibliography
IR-15930	Marble Working Machinery	IR-23056	Machine Tools—Bibliography
IR-16448EP	Ultrasonic Boiler Descalers	IR-23334	Brake Linings and Clutch Disks
IR-17348	Machinery for the Manufacture of Paper Cartons for the Packaging of Eggs	IR-23433	Knitting Machines
IR-18011	Hydraulic Pumps	IR-23617	Kilns (Ovens) for Drying Lithographic and Varnished Metal Plates
IR-18531	Farm Machinery — Bibliography Hand Tools and Animal Power Equipment	IR-23624	Design of a Modern Lime Producing Kiln
IR-18758EP	Box Making Machinery	IR-23654	Saw Mills—Band Saw Blades—Bibliography of 31 References with IR-7148 Attached—
IR-19217EP	Cooling Water as Corrosion Prevention in Diesel Engine	IR-23664	Boilers
IR-19226	Metal Cleaning Machines for Degreasing	IR-23739	Pumps
IR-19395	Cameras — U. S. Manufacturers of Automatic Machinery for Production Cinematographic Spare Parts	IR-23776	Hydraulic Pumps
IR-19675	Pneumatic Grain Conveyors	IR-23855	Pumps
IR-19824	Marble—Working Machinery — Cutting, Dressing and Polishing	IR-23999	Bearings
IR-20036	Hydroelectric Generator System — Production of Water Supply Equipment Pumps	IR-24127EP	Fasteners
IR-20132	Wind Power Equipment	IR-24293	Nail Manufacturing
IR-20252	Straw Hats; Dyeing Machinery—U. S. Companies from which Equipment May be Used	IR-24576	Circular Saws—Bibliography
IR-20266	Power Generation (Steam)—Operation in U.S.	IR-24737	Equipment Replacement
IR-20439	Sud-Cleaning Machinery—U. S. Sources of Equipment	IR-25261	Mobile Drilling Rigs—Bibliography
IR-20525	Gear Noise—Prevention of	IR-25768	Inboard-Outboard Engines—Bibliography
IR-20566	Nails—Machinery Necessary	IR-26177	Cast Steel Machine Parts
IR-20612	Gage Blocks, Repair and Manufacture of	IR-26987-A	Sintered Powdered Metal Process for Fabrication of Precision Parts
IR-20779	Marine Diesel Engine—Information on a Ship Engine Plant in an American Shipyard	IR-26997	Automotive Spare Parts
IR-21094EP	Manioc (Cassava)—Names and Addresses of U. S. Companies Manufacturing Food Grinding Equipment	IR-27279	Wool Sweaters, Knitting Machines for
IR-21166	Noise and Vibration Control	IR-27902	Steam Power Plants
		IR-27946	Bearings, Ball and Roller
		IR-27955	Power Generation & Transmission Facilities - Financing
		IR-27970	Rope Manufacture, Equipment Requirements
		IR-28047	Thermoelectric Generators
		IR-28086	Plaster, Equipment Requirements for
		IR-28179	Templates and Models
		IR-28256	Cam Design
		IR-29251	Road Machinery Tools
		IR-30201	Screw Machine Products
		IR-3025	Cotton Gin Machinery
		IR-30228	Small Flour Mill
		IR-30325-A	Electric Motors
		IR-30634	Hand Pumps, Manufacture of
		IR-30696	Plate Making and Duplicating Equipment
		IR-30703	Concrete Forming Machines, Concrete Pipe, and Concrete Block
		IR-30732J	Molten Salt Electric Furnaces (for Heat Treatment of Steel Tools)

IR-30998 Forging of Small Parts - Bibliography of  
65 References  
IR-31218 Tile Machinery  
M-17 Work Holding Devices  
PR-59 Shallow Well Hand Pump  
PR-120 Mechanical Springs  
SBATA-49 Control of Expendable Tools I  
SBATA-51 Control of Expendable Tools II  
TT-70 Automobile and Truck Leaf Springs and  
Mufflers

### MAINTENANCE

CTR-1101 Putty and Crack Fillers  
DK-9 How to Care for Wire Rope  
DK-35 Functions of a Central Job Shop in Area  
Maintenance Type of Operation  
DK-71 Eleven Steps to Effective Plant Lubrication  
DK-95 Factors to Consider in Selecting Coatings  
(Paints) for Industrial Maintenance  
DK-116 Care and Maintenance of Belt, Chain and Gear  
Drives  
DK-133 To Prolong Life of Grinding Wheels  
(Maintenance Procedure)  
DK-167 Improving Maintenance Operations in Small  
Plants  
DK-171 The Care and Maintenance of V-Belts  
DK-172 Suggestions for Care and Repair of Industrial  
Plant Floors  
DK-173 Periodic Industrial Truck Lubrication Prolongs  
Life  
DK-185 How to Adjust Carburetor to Get Efficient  
Tractor Engine Performance  
DK-190 Hand Stoning of Cutting Tools  
DK-191 Use, Care and Maintenance of Good Surface  
Plates for Accurate Machining  
DK-210 The Proper Use, Care and Maintenance of  
Thread Chasers  
DK-217 Tool Sharpening is an Art  
DK-218 Creamery and Dairy Floors - New Work and  
Repairs  
DK-239 In-Place Treatment of Utility Poles and  
Waterfront Piling  
DK-243 Training Pipefitters  
DK-244 Steam Traps  
IR-19088 Plant Maintenance  
IR-19228EP Building Maintenance and Cleaning  
IR-20612 Gage Blocks, Repair and Manufacture of  
IR-20884 Tools-Cutting; Hardening  
IR-21166 Noise and Vibration Control  
IR-21444 Bibliography: Railroad Cars and Equipment,  
Maintenance and Repair  
IR-21528 Mechanical Engineering-Basic Texts and  
Bibliography  
IR-22992 Rope Preservation-Bibliography  
IR-23008 Diesel Repair Shops-Bibliography  
IR-23831 Oil Refinery Maintenance  
IR-23943EP Locksmith Workshop  
IR-24230 Couplers for Railway Cars

IR-25230 Organization and Arrangement of Motor Truck  
Maintenance Facilities  
IR-25256EP Classification of Spare Parts-Bibliography  
IR-27742 Truck Repair and Rebuilding  
IR-28904 Waterproofing Materials  
IR-29085-A & B Degreasing Compound  
IR-29345 Building Maintenance Administration  
IR-29706 Refinishing Commercial Vehicles  
IR-30319 Motor Pool Maintenance Shop  
IR-30917 Waterproofing-Bibliography  
IR-31164 Maintenance (Public Buildings, Institution  
Type) - Bibliography of 39 References  
M-16 Plant Maintenance and Housekeeping  
SBATA-3 Care and Maintenance of Belt, Chain and Gear  
Drives  
SBATA-19 Care and Maintenance of Grinding Wheels  
SBATA-20 Maintenance of Power Hand Tools  
SBATA-35 Care of Hydraulic Systems  
SBATA-38 Preventive Maintenance in the Small Plant  
SBATA-41 How Good Plant Housekeeping Will Increase  
Production  
TB-17 Operating Rules for Power Boilers  
TB-26 Maintenance Training Programs  
TB-85 Plant Maintenance and Housekeeping  
TD-10 Maintenance and Repair of Small and Medium  
Size Diesel Engines

### MARKETING AND SALES

#### WHOLESALE

BSB-18 Statistics for National Analysis  
BSB-31 Regulation of Trade Practices  
BSB-39 Wholesaler's Customer Analysis  
BSB-42 New Product Development and Sale  
BSB-49 Use of Warehouse Receipts  
BSB-123 List of National Marketing Directories  
BSB-148 Bibliography: Training Commercial Salesmen  
DK-104 Ways to Improve Marketing Effectiveness  
DK-105 Integrated Order System Provides Uniform  
Procedures for Buyers and Sellers  
IR-15798EP Fair Trade Practices  
IR-17725 Topics for Marketing and Sales Administration  
IR-18622 Acerola (Barbados Cherry)--Market Aspects  
IR-19342 Cocoa and Allied Products--Imports by the  
Common Market Countries  
IR-19398 Training for Distribution and Marketing  
Machine Tools  
IR-20922 Asbestos-Marketing of in U.S.  
IR-22373 Market Survey--Comprehensive Method of  
Loading  
IR-24547 Marketing Analysis Methods  
IR-24586 International Marketing and Marketing Research  
Organizations  
IR-25603EP Wholesale--Retail Cooperative Groups--  
Bibliography  
IR-28215 Marketing - Bibliography  
IR-29540 Inventory Control for a Shoe Manufacturer  
MA-127 Key Marketing Words - What They Mean  
SBAMA-1.10/1:2 Small Marketers Aids, Annual No. 2



SM-65 Strengthening Sales Personnel and Policies  
 TB-109 Sales Training and Distribution  
 TB-122 Management and Supervision of a Sales Force (I - VII)  
 TB-123 Management and Supervision of a Sales Force (VIII - XI)  
 TB-124 Management and Supervision of a Sales Force (XII - XVIII)

### STORE CAPITAL-COST WORKSHEETS

BSB-7 Grocery Store Capital Requirement Worksheets  
 BSB-8 Men's Clothing and Furnishing Store Capital Requirement Worksheets  
 BSB-16 Shoe Store Capital Requirement Worksheets  
 BSB-44 Children's and Infants' Wear Store Capital Worksheets  
 BSB-45 Retail Farm Equipment Business Capital Requirement Worksheets  
 BSB-64 Jewelry Stores Operating Costs and Ratios  
 BSB-70 Limited Price Variety Stores Operating Costs and Ratios  
 BSB-76 Sporting Goods Store Capital Requirement Worksheets  
 BSB-80 Office Supply and Equipment Dealers Operating Costs and Ratios  
 BSB-81 Supermarkets Operating Costs and Ratios  
 BSB-82 Men's Clothing and Furnishing Stores Operating Costs and Ratios  
 BSB-87 Sporting Goods Stores Operating Costs and Ratios  
 BSB-89 Independent Variety Store (Limited Price) Capital Requirement Worksheets  
 BSB-90 Service Wholesale Druggists Operating Costs and Ratios  
 BSB-91 Family Shoe Stores Operating Costs and Ratios  
 BSB-108 Commercial Stationery and Office Equipment Store Capital Requirement Worksheets  
 BSB-114 Farm Supply Store Capital Requirement Worksheets  
 BSB-130 Wholesale Trades Operating Costs and Ratios  
 BSB-153 Drycleaning Plant Capital Requirement Worksheets  
 SBAMRS-33 Financing Small Business in South Dakota  
 SBB-15 Recordkeeping Systems, Small Store and Service Trade—Bibliography

### MATERIALS HANDLING

BSB-26 Bonded Warehouses  
 BSB-92 Improved Handling of Containers and Packaging Materials  
 BSB-122 Packaging Materials Handling  
 CIR-1000 Use of Self-Loading Vehicles for Bulk Handling  
 CIR-1098 Potato Storage  
 CIR-1124 Fruit Handling (Mechanical)  
 DK-32 Bulk Sugar Handling System Improves Bakery Efficiency  
 DK-42 A Reinforced Plywood Pallet Improves Warehousing Operations

DK-78 Improving Materials Handling in Small Plants  
 DK-113 Methods of Materials Handling in Industry (Puerto Rico)  
 DK-114 Proper Designing of Bins, Hoppers and Spouts for Bulk Materials Flow  
 DK-154 Coal Storage Suggestions for Small Plant  
 DK-176 A Guide to Selecting Bulk Materials Handling Equipment  
 DK-188 Selecting Correct Materials Handling Equipment for the Small Plant  
 DK-233 Innovations Improve Shop Methods (Tool Storage)  
 DK-240 Materials Control for Small Plants  
 DK-246A Chip Handling  
 DK-246B Handling in the Woodyard  
 IR-5922 Conveyor Systems  
 IR-8794 Pneumatic Tube Installation  
 IR-8795 Pneumatic Tube Conveyor Systems  
 IR-9571 Warehousing and Supply, Ammonium Nitrate  
 IR-11958 Transport of Domestic Coal by Means of Containers  
 IR-12471 Material Handling in Mail Order Houses  
 IR-15355 Brochures on Field Warehousing  
 IR-15507 Elevator Braking System  
 IR-15857 Hydrogen Cylinders  
 IR-16046EP Cranes, Safety Devices  
 IR-16536 Corn Grain Handling  
 IR-17195 Material Handling in Shipyards  
 IR-18065 Bibliography of Freight Handling  
 IR-18115 Storage of Bulk and Packaged Items  
 IR-18423EP Truck Terminals  
 IR-19080 Heavy Duty Material Handling  
 IR-19862EP Document Transportation—Materials Handling  
 IR-20157 Fork Lift Trucks—Specifications Applicable to Incandescent Bulbs—Materials Handling  
 IR-20733 Materials Handling in the Paper and Paper Board Industry  
 IR-20844 Materials Handling—Iron and Steel Industry—Organization and Management  
 IR-20853 Materials Handling in Wood Impregnating Plants  
 IR-21014 Materials Handling in Woolen Mills  
 IR-21396 Ice-Cooled Cold Stores  
 IR-22987 Control of Materials Consumed During a Voyage; Purchasing and Warehousing Procedures and Materials Control  
 IR-243546S Storage of Oil Seeds  
 IR-25239 Wheat Storage—Bibliography  
 IR-25701 Cargo Handling — Bibliography  
 IR-27985 Warehousing Textile Products  
 IR-28442 Cottonseed Oil Mills (Cost Data)  
 IR-28973 Plant Layout  
 IR-29229 Materials Handling in Cotton Mills — Bibliography  
 IR-29946 Obstencion y Administracion de Materials (Materials Procurement and Administration)  
 PAPER-14 SP Storage Bins  
 PR-105 Improving Materials Handling in Small Plants  
 SBA 1. 12:4 Warehousing  
 SBB-49 Material Handling Equipment  
 SSS-5

TB-11 Training Course in Material Handling  
 TB-41 Operating a Fork Truck  
 TS-3 Materials Handling, Plant Layout and Methods  
 in Brazil Metal Working Industry

## METALS

### CASTINGS AND FOUNDRY PRACTICE

BSB-166 Bibliography of Metal Castings Industry  
 CIR-1014 Die Casting—Bibliography  
 DK-14 A Review of Progress Made in Foundry  
 Practices  
 DK-43 Selection of Foundry Sands is Important  
 DK-81 How to Design and Operate a Foundry Cupola  
 DK-115 Heat Treatment of Gray Iron Castings to  
 Develop Maximum Properties  
 DK-211 Blast Furnace is Repaired with Spray-on  
 Refractory  
 E-116 Establishing a Small Ferrous Metal Foundry  
 E-125 Proper Use of Sand for Molding Practices  
 E-134 Planning a Gray Iron Foundry  
 E-183 Operation of a Small Gray Foundry  
 E-226 Mechanization for the Small Foundry  
 IR-5134 Details of Die Casting  
 IR-5136 Finish and Flask Removal of Die Casting  
 IR-5164 Composition of Pressure Casting of Alloys  
 IR-5238 Detail and Depth of Casting and Wire Drawing  
 IR-6904B Technique of Vacuum Die Casting  
 IR-6947 Manufacture of Malleable Die Casting  
 IR-10967 Fluxes for Casting Aluminum and Magnesium  
 IR-15607 Foundry Experimental-Output  
 IR-15615 Sand Used in Foundries  
 IR-16943EP Investment Casting  
 IR-17505 Bibliography on Aluminum and Nickel Casting  
 IR-17673EP Die Casting Ladles  
 IR-18198 Production of Alloy Casting (Perlit)  
 IR-18454 Foundry Practices  
 IR-18485 Aluminum Casting in Plaster Molds  
 IR-18681 Dies and Die Making  
 IR-18683 Casting Metal Molds  
 IR-18863 Malleable Iron Castings  
 IR-19110 Capital and Financing in the Drop Forge  
 Industry  
 IR-19111 Accounting in the Drop Forging Industry  
 IR-19507 Cast Iron (Fabrication)—Reducing Size of  
 Risers  
 IR-19918 Die Presses (Tools)—Metals and Plastics  
 IR-20038 Tractor Manufacture and Foundry Practice  
 IR-20142 Casting Parts—Ship Organization for Small  
 and Medium Size  
 IR-20742 Shell Molding Sand  
 IR-21168 Forge Shop, Organizing  
 IR-21169 Forging Die Manufacture  
 IR-21189 Plaster Casts—Composition of Conducting  
 Paint, Latex Molds and Stone Casts  
 IR-21645 Iron and Aluminum Foundries  
 IR-21733 Equipment for Steel Foundry  
 IR-21937 Foundry Testing Equipment—U. S. Sources  
 IR-22042 Shell Molding Equipment

IR-22290 Casting—Epoxy and Polyester Resins  
 IR-22370 Bearing, Cast Tin Bronze  
 IR-22372 Enameling of Castings  
 IR-23001 Die Casting Practices—Bibliography  
 IR-23032 Molding Materials  
 IR-23438 Cleaning of Interior Wall of Casting Mold  
 IR-23853 Forging Operations  
 IR-24126EP Forging Equipment  
 IR-24480 Foundry Drying Plant  
 IR-24484 Iron Oxide  
 IR-24515 Foundry Sand Cooling  
 IR-24744 Putty for Cast Metals  
 IR-24822 Forging Dies  
 IR-24956-7EP Tumbling and Die Casting Brass  
 IR-25724 Graphite Crucibles  
 IR-26078 Malleable Castings  
 IR-26170 Graphite Crucibles  
 IR-27333 Permanent Magnets, Casting of  
 IR-27581 Foundry Operation  
 IR-29305 Dies for Small Metal Parts  
 IR-29740A Foundry Molding Sand  
 IR-30200 Corrugated Aluminum Sheet  
 IR-30838 Charcoal for Cupola Fuel (for a Cast Iron  
 Foundry)  
 PR-6 Brass Foundry  
 PR-17 Gray Iron Jobbing Foundry  
 PR-60 Small Steel Melting Plant  
 PR-101 Centrifugal Cast Iron Pipe  
 PR-117 Small Steel Rolling Mill  
 SBATA-44 Developments in the Ferrous Foundry  
 Industry  
 TB-136 Molding and Core Sands  
 TB-138 General Molding Practice  
 TB-142 The Art of Making Molds  
 TI-78 Small Brass Foundry

### METALLURGY

CFR-1082 Iron Oxide Pigments  
 DK-189 Build Your Own Carbide Tools  
 DK-222 Continuous Recording Instrument Surveys  
 Small Diameter Drill Holes  
 IR-5982 Recovery Procedure of Lead, Bronze Chips  
 IR-15139PR Tungsten Carbide  
 IR-18378 Production of Magnesite Metal  
 IR-18675 Porosity Problems in Aluminum—Silicon Alloys  
 IR-18835 Bar on Steel  
 IR-20980 Steel—Manufacture by Oxygen Process—  
 Producing High Carbon and Low Phosphorous,  
 etc.  
 IR-21167 Phosphate Coating Iron—Alloy Sheet for  
 Electrical Machinery  
 IR-21684 Iron Sulfate, Manufacture of  
 IR-22028 Tin (Pure)—Recovery of From White Metal  
 Alloys  
 IR-24484 Iron Oxide  
 IR-24578 Hard Alloy Edged Cutting Tools—Bibliography  
 IR-24744 Aluminum Alloy Suitable for the Manufacture of  
 Decorative Items  
 IR-25513 American Standards for Nonferrous Metal  
 Alloys

IR-26226 Aluminum Oxide (Alumina)  
 IR-28267 Metallurgical Laboratories  
 IR-30261 Cold -- Forming of Metals  
 IR-30297 Stainless Silver  
 SBA-47 Metal Powder Uses in the Small Plant  
 SBATA-6 Selecting the Right Tool Steel  
 SBATA-8 Metallizing  
 SBATA-23 Titanium  
 SBATA-47 Metal Powder Uses in the Small Plant

### MACHINE SHOP PRACTICES (METAL FABRICATION)

CIR-1012 Metal Forming  
 CIR-1086 Metal Forming by Explosives  
 CIR-1106 Metal Bonding  
 DK-77 3-Point Plan Simplifies Scrap Handling  
 DK-117 Proper Tool Steel Selection Eliminates Many Tool Failures  
 DK-189 Build Your Own Carbide Tools  
 DK-209 Metallizing Techniques for Use in Small Shops  
 IR-5024 Preparation of Slugs and Lubrication  
 IR-5027 Deep Drawing of Die and Punch Material  
 IR-5085 Thread Rolling Die Material  
 IR-5087 Thread Rolling Depth of Penetration of Metal  
 IR-5089 Thread Rolling Machine Detail  
 IR-15623 Job Machine Shop  
 IR-15882/83EP Cleaning Belt-Type Conveyors  
 IR-16617 Metal Spinning  
 IR-16617PR Metal Spinning and Shaping  
 IR-19379 Measurement of Tin Plate Thickness  
 IR-19918 Die Presses (Tools)—for Metals and Plastics  
 IR-19964EP Automation in Machine Shop  
 IR-20281 Machine Shop Operation—Machining and Metals Working  
 IR-20537EP Machining  
 IR-20610 Bibliography: Aluminum Markers  
 IR-21514 Nozzles - Testing, for Diesel Engines  
 IR-21631 Tools—Carbide Tipped  
 IR-23618 Machine Tool Production Control  
 IR-24576 Circular Saws  
 IR-24644 Cutting Dies for Textiles  
 IR-24945EP Marking Sticks  
 IR-24990 Thread Cutting—Cutting Oil  
 IR-25608EP Vibration Testing  
 IR-25767 Tool Service  
 IR-25842 Boring Deep Holes into Thin Plates or Shafts  
 IR-26429 Holes, Punching Metal  
 IR-27341 Metal Doors and Windows  
 IR-27882 Brass Fittings  
 IR-28209 Twist Drills  
 IR-28444 Valves  
 IR-28666 Gallium Extraction from Bauxite During Production of Alumina  
 IR-28669 Brass Scrap  
 IR-28808 Lead Fabrication  
 IR-29010 Zinc Sheet  
 IR-29266 Die Design for Die Casting and Injection Molding  
 IR-29610 Jig and Fixture Design

IR-29866 Metals, Finishing and Fabrication  
 IR-30036 Blanking of Steel Disks  
 IR-30051 Electrolytic Engraving of Metals  
 IR-30812 Continuous Coating of Metal Strip  
 M-4 Improved Productivity in a Factory—a Jobbing Machine Shop  
 PR-18 Job Machine Shop  
 PR-42 Aluminum Architectural Specialties  
 PR-52 Metal Spinning Products  
 PR-82 Plating of Automobile Parts  
 SBATA Annual No. 1 (Contains Technical Aids Nos. 1 thru 27)  
 SBATA-1 Proper Alignment of Machine Tools  
 SBATA-2 Sharpening of Drills, Lathe Tools and Milling Cutters  
 SBATA-4 Sharpening Certain Metal Cutting Tools Used in Machine Shops  
 SBATA-7 Machining Aluminum I  
 SBATA-10 Machining Aluminum II  
 SBATA-12 Machining, Repairing and Heat Treating Cast  
 SBATA-15 Machining, Brass and Bronze Workpieces  
 SBATA-16 Machining Magnesium Alloy Workpieces  
 SBATA-21 Surface Finishing Techniques I  
 SBATA-22 Surface Finishing Techniques II  
 SBATA-24 Surface Finishing Techniques III  
 SBATA-25 Lengthening Tool Life  
 SBATA-36 Economical Chip Breakers for Machining Steel  
 SBATA-37 Use of Templates and Models  
 SBATA-67 Keeping Shop Noise from Nearby Residences  
 SRS-1 Blacksmithing Practices Manual  
 TB-62 Metal-Working Industry Training Manual  
 TI-34 Screw Machine Products

### PIPE, TUBING, WIRE AND NAIL MANUFACTURE

DK-243 Training Pipefitters  
 IR-15699 The Drawing and Insulating of Copper Wire  
 IR-20580 Manufacture and Uses of Mineral Wool  
 IR-20622 Wire, Flat Copper—U.S. Methods of Production  
 IR-20950 Noise Control (Reduction) in Wire Nail Factory  
 IR-20973 Galvanizing—Steel Pipe, etc.  
 IR-23193 U.S. Federal Specifications for Plain Wire Used in Barbed Wire  
 IR-23320 Seamless Tubes  
 IR-23527 Flexible Pipe  
 IR-23928 Wire Clothes Hangers  
 IR-24293 Nail Manufacturing  
 IR-24294 Pins and Needles  
 IR-24897 Manufacture of Copper Wire  
 IR-24990 Thread Cutting—Cutting Oil  
 IR-25190 Manufacture of Cold-Formed Light Gauge Structural, Pipes, Tubes and Special Shapes  
 IR-25424 Cast Iron Soil Pipe Foundry  
 IR-25527 Production of Welded Oil Field Tubes  
 IR-26608/9/10 Wire Products  
 IR-27283&S Asphalt-Coated Pipe  
 IR-27945 Sewer Tile (Pipe)  
 IR-28558 Wire and Cable  
 IR-29241 Wire and Cable  
 IR-30280 Seamed Pipe from Strip, Manufacture of  
 IR-30694 Solder Wire Manufacture

PR-49 Flexible Steel Conduit  
 PR-64 Wire Products  
 PR-92 Copper Wire Drawing and Insulation  
 PR-94 Copper Tubing  
 PR-102 Coil Springs  
 PR-107 Galvanized Steel Pipe  
 TD-9 Soldering of Brass and Copper Pipes  
 TI-57 Steel Mechanical Tubes

PR-28 Sanitary Ware  
 PR-52 Metal Spinning Products  
 PR-64 Wire Products  
 PR-93 Aluminum Kitchenware  
 PR-106 Stainless Steel Utensils  
 TI-58 Aluminum Door and Window Sash  
 TI-59 Brake Linings and Clutch Disks

## PLUMBING

IR-12406 Corrosion in Domestic Water Heaters  
 IR-19214EP Information on Bathroom Fixtures

## SPECIFIC PRODUCTS

CIR-1106 Metal to Metal Bonding  
 DK-194 Industrial Adhesives and Their Application to Various Materials (Metals)  
 IR-5536 Manufacture of Mowing Machine Blades  
 IR-10870 Nonferrous Metals Used in Furniture  
 IR-11089 Manufacture of Aluminum Foil  
 IR-11094 Manufacture of Mowing Machine Blades  
 IR-15649 Insecticide Sprayers  
 IR-15649S Fabrication of Insecticide Sprayers  
 IR-19814 Asbestos Brake Lining and Clutch Facing Manufacture  
 IR-18832 Steel Towers for Electric Lines  
 IR-20250 Cold-Heading—Manufacture of Bolts and Rods  
 IR 20572 Expanded Metal—Process and Equipment to Produce  
 IR-21414 Rubber-to-Metal Bonding, i. e., Shock Absorbers  
 IR-21939 Hand Tools, Manufacture  
 IR-22117 Manufacture of Needles  
 IR-23028 Venetian Blinds  
 IR-23089 Aluminum Door and Window Factory  
 IR-24294 Pins and Needles  
 IR-24744 Aluminum Alloy Suitable for the Manufacture of Decorative Items  
 IR-24830 Automotive Piston Rings  
 IR-25248 Manufacture of Permanent Magnets  
 IR-25439 Can Manufacturing Machinery  
 IR-25522 Manufacture of Piston Rings  
 IR-25534 Razor Blade Production  
 IR-26474 Plow Grader Blades and Bolts  
 IR-27363 Production of Lead Goods for Sanitary Installation  
 IR-28288 Aluminizing Steel Products  
 IR-28297 Carbon Brush Manufacture  
 IR-29378 Sheet Metal Drums and Cans  
 IR-30036 Blanking of Steel Disks  
 IR-30200 Corrugated Aluminum Sheet  
 IR-30201 Screw Machine Products (Machine Nuts and Screws)  
 IR-30258 Hot Dip Galvanizing (Buckets, Pails)  
 IR-30261 Cold Forming  
 IR-30788 Pencil Manufacture  
 IR-30967 Plastic Buttons — Two Basic Methods of Manufacturing  
 PR-7 Buckets, Pails and Pans

## STEEL MILLING

IR-5973 Method of Coloring Steel  
 IR-11116 Job Planning in Steel Fabrication  
 IR-15884EP Steel, Low Temperature Treatment  
 IR-19172 Method of Steel Processing  
 IR-20359 Steel Sheet; Shaping and Treating  
 IR-20980 Steel—Manufacture by Oxygen Process—Producing High Carbon and Low Phosphorous  
 IR-25190 Manufacture of Cold-Formed Light Gauge Structurals, Pipes, Tubes and Special Shapes—Bibliography  
 IR-25600EP Cold Rolling of Steel  
 IR-26008 Elastic Couplings for Pilger Mill Making Seamless Steel Tubes  
 IR-27018 Crucible Type Steel Furnace (Oil Fired)  
 IR-28288 Aluminizing Steel Products  
 IR-29363 Blast Furnaces  
 IR-30201 Perforating Steel Sheets  
 PR-117 Small Steel Rolling Mill  
 TI-52 5000-Ton Steel Rolling Mill

## SURFACE TREATMENT (CLEANING, PLATING, GALVANIZING AND CORROSION CONTROL)

CIR-1003 Fluoborate Cadmium Plating  
 CIR-1006 Chromium Electroplating  
 CIR-1007 Zinc Plating  
 CIR-1008 Electroplating  
 CIR-1081 Electroplating-Bibliography  
 CIR-1114 Mirror De-Silvering  
 CIR-1122 Electroplating of Brass  
 DK-85 Accepted Bright Surface Finish Numbers for Sheet Metal  
 DK-86 Highly Ductile Chromium Plate Deposits are Applied Directly to Various Metals  
 DK-87 Ceramic Powder Coatings are Flame-Sprayed on Metals  
 DK-88 Vacuum Metalizing Produces a Brilliant Finish on Nonconductive Materials  
 DK-89 "Electrophoretic" Process Allows Coating a Variety of Materials with Close Control  
 DK-90 Hard-Facing with a Welded Layer of Wear-Resistant Alloy Prolongs Life of Metal Surfaces  
 DK-91 "Electroless" Nickel Plating Improves Corrosion Resistance  
 DK-92 "Cooper" Process Permits Electroplating on Aluminum and Other Light Metals  
 DK-93 Liquid Buffing Compound Applied with Spray Gum Gives High Quality Finish

- DK-94 Chrome Plating Extends Life of Cutting Tools and Gauges
- DK-190 Hand Stoning of Cutting Tools
- DK-219 Techniques for Cleaning Metallic Surfaces
- E-122 Silver Plating Equipment and Methods
- IR-5773 Method of Cleaning Brass and Copper
- IR-5973 Method of Coloring Steel
- IR-6112 Rust Removal Process
- IR-6128 Electroplating of Copper and Nickel
- IR-6135 Surface Hardening by Induction
- IR-6496 Coating or Ink Resistant to Methyl Phthalate
- IR-6624 Protective Coating for Water Closets and Faucets
- IR-6816 Degreasing and Cleaning Steel Products Prior to Painting
- IR-6876 Deep Freezing of Cutting Tools
- IR-7560 Electrolytic Erosion
- IR-8395 Tropicproof Corrosion Methods for Steel Springs
- IR-8647 Metal Surface Treatments
- IR-9789 Degreasing Light Metal Alloys
- IR-9859 Decorative Plating of Wrought Aluminum Alloys
- IR-10866 Preventing Corrosion of Steel Washers
- IR-13155 Bright Galvanizing of Steel Wire
- IR-15685 Corrosion of Tin Plate Containers
- IR-16038EP Protective Coating for Oil Tankers
- IR-16456EP Zinc Coating (Galvanizing)
- IR-16931EP Gold Plating Wire
- IR-17942 Plating of Automobile Motors
- IR-17943 Coating Aluminum
- IR-17945/46 Plating of Automobile Motors
- IR-18794 Coating of Gold Finish Wire Household Articles with Varnish
- IR-18934 Galvanizing (Hot Dip)
- IR-19173 Information on U.S. Practice of Galvanizing
- IR-19313 Copper and Silver Tarnish Prevention
- IR-19578EP Electroplating—Nonuniform Plates on Metal Strip
- IR-19641 Aluminum Anodizing
- IR-20077 Rust Preventative—Specification, for Rails, Joint Bars and Tie Plates
- IR-20583 Kitchen Utensils (Aluminum)—Finishing
- IR-20915 Files—Heat Treatment of
- IR-20951 Light Metals Galvanizing; Electroplating, Polishing, Casting
- IR-20973 Galvanizing—Steel Pipe
- IR-21167 Phosphate Coating Iron-Alloy Sheet for Electrical Machinery
- IR-21231 Galvanizing Equipment, Automatic; Hot-Dip, Bibliography, Anticorrosives, Corrosion Preventing Agents
- IR-21247
- IR-22080EP Copper Polishing; Electrolytic
- IR-22614 Corrosion Resistant Coatings (Sulphur Refining)
- IR-22808 Corrosion Protection
- IR-23002 Electroplating
- IR-23188 Bronze and Brass Lighting Fixtures
- IR-23211 Protecting Copper from Corrosion by Coating with Silver
- IR-23460 Brightening Aluminum Spectacle Frames
- IR-23799 Thermal Processing Methods for Disks
- IR-23927 Enamels for Magnet Wire
- IR-24072 Corrosion of Copper
- IR-24382 Coatings for Cans Containing Foods
- IR-24829 Coloring Small Metal Articles
- IR-24991 Coatings for Pipelines—Bituminous Coating
- IR-25080 Heat Treatment of Hand Tools
- IR-25408 Corrosion
- IR-25438 Rhoium Electroplating
- IR-25441 Duplicating Stencils
- IR-25995 Metallizing Equipment Requirements
- IR-26002 Steel Drums (Cleaning and Reconditioning of Used Drums)
- IR-26010 Steel Tubes and Silicon
- IR-26424 Wood Grain on Metal
- IR-26946 Electroplating
- IR-27424 Iron Fitting Galvanizing
- IR-28291 Zinc Oxide Scales
- IR-28923 Sheet Metal Articles, Galvanizing Processes and Methods of Fabrication
- IR-29084 Waxes and Polishes for Automobiles and Floors
- IR-29378 Sheet Metal Drums and Cans
- IR-29956 Electroplating
- IR-30051 Electrolytic Engraving of Metals
- IR-30258 Hot Dip Galvanizing (Buckets, Pails)
- O-10 Automobile Body Corrosion Prevention—Maintenance and Repair Procedures
- PR-82 Plating of Automobile Parts
- SBATA-14 Prevention of Corrosion in Machine Shops
- SBATA-18 Surface Cleaning Techniques
- SBATA-21 Surface Finishing Techniques I
- SBATA-22 Surface Finishing Techniques II
- SBATA-24 Surface Finishing Techniques III
- SBATA-54 Surface Hardening Practices
- SBATA-58 Rust Preventive Coatings—Petroleum Base
- SBATA-68 Protective Coating for Steel Construction

## WELDING AND SOLDERING

- DK-19 Columbium Added to Steel Makes Pipes More Weldable
- DK-20 How to Reduce Weld Cracking in Welding Galvanize Steel
- DK-21 How to Overcome Causes of Weld Distortion
- DK-22 Short Arc Welding for Light Sheet Steel
- DK-23 Automatic Gouging Torch Insures Complete Penetration
- DK-24 Stud Welding Gun Joins Bolts to Workpieces
- DK-25 Repair Welding
- DK-208 Factors Determining Shear Strength of Soldered Joints
- DK-220 Joining Sheet Metal Parts
- DK-221 Nondestructive Testing — Key to Quality Control in Welding
- IR-11630 Electric Welding of Glass
- IR-15409 Blacksmithing and Welding Tools
- IR-15506 Manufacturers of Welding Electrodes
- IR-15554 Manufacture of Barbed Wire
- IR-19132 Graphite Electrodes

IR-19258 Solder Methods of Cold Soldering  
 IR-20249 Soldering—Iron Tip Possessing High Heat Durability  
 IR-20883 Welding Large Iron Castings  
 IR-21441 Bibliography: Welding and Welding Equipment  
 IR-21485 Procedures for Soldering  
 IR-22206 Welding Steel Bridges  
 IR-22243 Plant Organization; Production Process (for Locomotive, Machinery and Bridge Factory)  
 IR-23865 Automatic Welding of Pipe  
 IR-24539 Rail Welding and Transport of Long Welded Rail  
 IR-25081 Welding Training  
 IR-25424 Cast Iron Soil Pipe Foundry  
 IR-30280 Seamed Pipe from Strip  
 SBATA-33 Gas Welding of Cast Iron  
 SBATA-46 Modern Welding Practices  
 TD-6 Welding Techniques  
 TD-9 Soldering of Brass and Copper Pipes  
 TI-80 Electrodes

#### MINERALS AND ORE PROCESSING

BSB-29 Copper - Its Production and Use  
 BSB-207 Copper Industry in Japan  
 E-173 The Manufacture of Lime  
 E-197 Manufacture of Perlite  
 E-243 Manufacture of Calcined Gypsum  
 IR-5771 Tungsten Ore  
 IR-6493 Preparation of Thin Sections of Rocks and Minerals  
 IR-6839 Bromine from Salt Refineries  
 IR-8273 Electrolytic Copper Refining  
 IR-15596 Anthracite Coal Mining  
 IR-15597 Coal Preparation  
 IR-15636 Chromium Production  
 IR-15721 Gypsum Plaster  
 IR-15905 Gypsum Building Products  
 IR-16031EP Uranium Research  
 IR-16554 High Quality Chalk  
 IR-16952 Quicksand Control in Lignite Mines  
 IR-16987 Magnetite Ore  
 IR-17595 Mining and Processing Salt  
 IR-17644 Nonmetallic Minerals  
 IR-17689 Quarrying Building Stone  
 IR-17690 Stone and Rock Production  
 IR-17691 Sand and Gravel Production  
 IR-18831 Chromium Ore  
 IR-19131 Montan Wax from Lignite  
 IR-19156 Literature on Mining, Dressing, Concentrating and Barite  
 IR-19664 Toxic Gas Elimination (Asphalt Plants)  
 IR-19734 Zinc Recovery from Scrap Die Castings by Distillation  
 IR-20503 Zinc Sulphide Ore, Equipment for Pulverizing  
 IR-20561 Quartz and other Synthetic Minerals, Production of  
 IR-20652 Bituminous Materials, Methods and Containers for Shipping

IR-20734 Gas Testing - Analytical Determination of Water, Carbon Dioxide, Hydrogen Sulfide, Organic Sulphur and Hydrocarbon in Methane or Natural Gas  
 IR-20790 Iron Oxide in Glass Sand  
 IR-20913 Salt Methods of Separating Sand from Rock Salt other Than by Solution; Modern Lick Salt for Cattle Consumption  
 IR-21648 Mining Industry, Productivity Promotion in  
 IR-21685/6 Sources for Up-to-Date Information on Titanium and Magnesium  
 IR-21948 Coal, Uses for Other Than Heating  
 IR-21982 Manganese-Dithiomate Process for Recovery from Low Grade Ore  
 IR-22187 Table Salt Refinery  
 IR-22223 Mines and Mining  
 IR-22392 Marble  
 IR-22858 Titanium Ore  
 IR-23246 Manganese Ore-Enrichment  
 IR-23324 Mining Methods in Quarries  
 IR-23439 Sintering of Perlite  
 IR-23609 Asbestos Mining and Testing  
 IR-23864 Quartz  
 IR-24253EP Marble Processing  
 IR-24433 Public Health Aspects of Sulfuric Acid Fumes from Copper Smelter  
 IR-24458 Quartz Crystals—Bibliography  
 IR-24574 Graphite  
 IR-24712 Extraction of Nickel Cobalt, and Iron from Ore (oolitic)  
 IR-26169 Fine Grinding of Minerals  
 IR-26429 Barite  
 IR-27693 Vermiculite  
 IR-27904 Salt Refining  
 IR-28180 Petrochemical Industry  
 IR-28291 Zinc Oxide Scales  
 IR-28378 Salt Recovery from Brine Wells  
 IR-28441 Minerals Exploration  
 IR-28638 Stone Cutting and IR-24253EP — Marble Processing  
 IR-28665 Aluminum Sulfate Production  
 IR-28698 Iron Ores  
 IR-28759 Kaolin: Ore Deposits and Treatment  
 IR-28850 Phosphate Ores, Sedimentary  
 IR-28910 Geological Exploration and Techniques  
 IR-29409 Mining Economics  
 IR-29740A Foundry Molding Sand  
 IR-29740B Bentonite  
 IR-29789 Zinc Aluminum Alloys, Coloring of  
 IR-29855 Bromine and Iodine  
 IR-29988 Ammonium Nitrate — Fuel Oil Explosives  
 IR-30918 Mineral Coal Tar Resins  
 IR-31147 Hydrated Lime  
 IR-31148 Lime Manufacture and Processing  
 O-20 Natural Resources — Energy, Water and River Basin Development  
 O-21 Natural Resources — Minerals and Mining Mapping and Geodetic Control  
 PR-62 Tungsten Carbides  
 PR-73 Chalk Whiting  
 PR-110 Manganese  
 SBAMRS-32 New Hampshire Mineral Potential

TI-28	Recovery of Zinc	IR-21320	Manufacture of Chalk (Blackboard)
		IR-21400	Horse Collars
		IR-21663	Literature on Occurrence and Interpretation of Reflective Seismic Surveys
	<b>MISCELLANEOUS</b>	IR-22073	Training Schools for Tractor Drivers, Mechanics, etc.
B-11	Industrial Technical Library	IR-22371	Horseshoes
B-15	"Little Libraries"	IR-22446	Solar Energy References
B-16	A Small Selected Management and Technical Library	IR-23444	Papain
B-19	Book Reviews	IR-23526	Dragline Mats
B-20	Literature Recommendations	IR-23610	Civil Engineering
CIR-1002	Cleaning, Fumigating and Sanitizing of Documents and Books	IR-23663	Carburetors
CIR-1101	Putty and Crack Fillers	IR-23686	Social Science
DK-10	How to Select the Right Tap for Use in Various Materials	IR-23843	Polishing Vegetable Ivory Buttons
DK-82	How Synthetic Gem Stones for Jewelry and Industrial Uses are Made	IR-24021	Standardization
ED-24	Progress Report on Alianza para el Progreso	IR-24127EP	Fasteners
ED-31	The Loss of Scientists and Technicians from Underdeveloped Countries	IR-24278EP	Automobile Repairing
ED-33	The Research Revolution ( A Review)	IR-24462	Centralized Government Purchasing
ED-34	Bibliography: Economic and Social Implications of Scientific Research and Development	IR-24596EP	Documentation Service
ED-42	Productivity and Employment: A Note	IR-24839	Crematory
ED-56	Conference of Asian Economic Planners	IR-24842	Venetian Blinds—Bibliography
ED-59	Science and the New Nations	IR-25090	Export-Import Organization - Bibliography
ED-60	Two Forthcoming Conferences	IR-25423	Bird Cages
ED-77	A New Technique in Education	IR-25535	Technical Aids Material
ED-81	Input-Output Bibliography 1955-1960	IR-25763	Toys - Bibliography
ED-82	Industrial Technical Libraries of Paperback Books	IR-26168	Boats (Small)
IB-13	Technical Literature Service	IR-26423	Wooden Ice Cream Cakes and Spoons
IB-16	U.S. Book Exchange Service - Special Bulletin	IR-26603	Design and Furnishing for Stores
IB-17	Institutions of the Industrial Technical Cooperation Program	IR-26685	Umbrellas, Manufacture of
IB-22	U.S. Book Exchange Service - Special Bulletin No. 2	IR-26689	Insecticide Spraying
IB-23	Technical Libraries in Cooperative Programs	IR-26722	Rice Hulls
IB-24	U.S. Book Exchange Service - Questions and Answers	IR-26792	Stencil Cutting
IB-25	Management Seminars - A Case History	IR-26865	Incinerators
IB-26	Industrial Contacts Overseas	IR-26931	Pencils, Crayons and Rulers
IB-27	Communications to the Field on Technical Aids Services	IR-27041	Travelling Exhibits
IR-18992	Technical Dictionaries and Glossaries	IR-27283	Asphalt-Coated Pipe
IR-19016	Bowling Alleys	IR-28257	Street Lighting
IR-19393	Auto and Truck Rebuilding	IR-28297	Carbon Brush Manufacture
IR-19512	Brushes, Bristle Imbedding Material	IR-28632	Durable Consumer Goods - Bibliography
IR-19574EP	Feathers for Use in Sleeping Bags	IR-28637	Hydroelectric Plants and Governors
IR-19628	Chicken Coops and Feeding Troughs	IR-29341	Documentation Service
IR-19654	Furniture - Bed Springs and Mattresses	IR-29358	Vacuum Techniques
IR-19670	Conventions, Conferences and Congresses	M-19	Visual Communication
IR-20002	Tarpaulins - Information on Gastight for Use with Fumigants	M-20	In Conference
IR-20646	Ship Wrecking - Dismantling	M-21	Industry Fact Sheets
IR-20992	Brake Linings—Manufacture of	O-14	500 Association Conventions and Trade Shows-- Oct. 1, 1960-March 1, 1961
IR-21196	Pipes (Corn Cob)	O-15	520 Association Conventions and Trade Shows - Sept. 1961 - Feb. 1962
		O-19	Establishment of a National Employment Service
		PR-61	Surgical Instruments
		PR-83	Lead Pencils
		PR-112	Souvenirs and Small Jewelry
		SBAMRS-30	Use of External Assistance by Small Manufacturers
		SBAMRS-34	Small Manufacturing Firms in New Hampshire
		SBAMRS-35	The Pleasure Boating Industry in Tennessee
		SBAMRS-36	Education for Leadership in Small Business
		SBB-14	The Nursery Business
		SBB-38	Toys—Bibliography
		SBB-41	Mobile Homes—Bibliography

SSS-6 Increasing Productivity Through Simplification  
 SSS-7 Simplification Will Eliminate This  
 SSS-8 Variety Reduction  
 TB-107 Work Simplification for Increased Productivity  
 TD-7 Industrial Finishes  
 TI-3 Bicycles

## PACKAGING

### MATERIALS AND TECHNIQUES

BSB-122 Package Materials Handling  
 BSB-141 Tapes for Packaging  
 BSB-143 Fibrous Glass Reinforced Plastic Containers  
 DK-181 Packing Citrus Fruit in Shipping Boxes  
 IR-5289 Techniques and Applications of Pressurized Cans  
 IR-5753 Methods and Materials of Packaging  
 IR-6107 Test Methods for Acid Proof Containers  
 IR-6498 Filling Small Containers with Freon  
 IR-8198 Tropical Packaging Methods  
 IR-10494 Phenol Foam Material for Packaging  
 IR-12452 Sodium Gluconate, for Bottle Washing  
 IR-14063 Packaging Duplicating Machines  
 IR-16686 Boxes, Wire Bound  
 IR-16687 Shipping Boxes  
 IR-17029 Packaging-Export  
 IR-18965 Cellophane  
 IR-19502 Paper Containers, Cartons, Cups, Jars  
 IR-21641 Packaging (Small Items)-Sources of Machinery for  
 IR-21721 Machinery Packaging (Vacuum Packing Food, Plastic Containers)  
 IR-22354 Containers-Reuse and Disposal Type  
 IR-22430 Containers, Manufacture of (Canned Food)  
 IR-22888EP Packaging Machinery  
 IR-26056 Container Closures (Cork-Metal, Rubber and Plastic) - Bibliography  
 IR-26160 Plastic Packaging Material  
 IR-26436 Bagging of Fertilizers, (Solid)  
 IR-29153 Paraffined Paper Containers  
 IR-30199 Packaging Cottonseed Oil  
 PR-108 Boxes and Shooks  
 SBATA-62 Protective Packaging Problems  
 SBB-5 Containers and Packaging Bibliography  
 SSS-3 Container Industry

### EDIBLE PRODUCTS

CIR-1089 Bottled Soft Drinks  
 DK-181 Packing Citrus Fruit in Shipping Boxes  
 IR-8091 Method of Wrapping Dried Fruit  
 IR-8099 Packaging of Edible Greases  
 IR-10509 Packaging of Liquor and Brandy  
 IR-10865 Sanitary Lining of Food Containers  
 IR-11957 Flour Handling and Packaging  
 IR-15809EP Packaging of Citrus Fruits  
 IR-16039EP Paper for Milk Containers  
 IR-16562EP Packaging Cheese and Meat Products

IR-17456 Egg Packaging  
 IR-19967EP Fruit Packaging -U.S. Sources of Machines for  
 IR-20361 Food Packaging (Frozen)-Standards Used in Production of  
 IR-22011 Coffee Packaging Nitrogen Method  
 IR-22430 Canned Food Stuff -Manufacture of Containers for  
 IR-23192 Milk Bottling  
 IR-30199 Containers for Cottonseed Oil

### INDUSTRIAL PRODUCTS

IR-6963 Packaging Machines for Handkerchiefs and Diapers  
 IR-7793 The Packaging of Yarns  
 IR-7805 Packaging and Wrapping Methods for Glass Products  
 IR-10059 Cleaning and Packaging of Silverware  
 IR-11911 Packaging of Cotton Threads  
 IR-12937 Packaging of Aluminum Tubing  
 IR-13427 Packaging and Displaying Wool Socks  
 IR-13509 Shipping Containers for Ethyl Ether  
 IR-15807EP Containers for Bituminous Emulsions  
 IR-16044EP High Pressure Gas Cylinders  
 IR-17196 Packaging of Antibiotics  
 IR-17372 Shoe Polish Containers  
 IR-17534 Packaging Standards and Plant Hormone Sprays Control Maturation  
 IR-21770 Dentifrices - Formulation, Process Description, Equipment Suppliers, and Packaging Requirements  
 IR-28297 Carbon Brush Manufacture  
 IR-29085B Packaging Small Manufacturing Parts

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CIR-1082 Iron Oxide Pigments, Natural and Synthetic  
 CIR-1109 4 Dealers for Oil Paint Spray Equipment  
 CIR-1114 Mirror Desilvering (Formula for Nonflammable Paint Remover)  
 DK-95 Factors to Consider in Selecting Coatings (Paints) for Industrial Maintenance  
 DK-96 How to Prevent Mildew and Mold Damage to Paint and Leather  
 E-209 Principles and Practices of Spirit Varnish Manufacture  
 IR-5438 Priming Coats for Steel Exposed to Water  
 IR-5767 Protective Coating for Steel  
 IR-6877 Spraying with Superheated Steam  
 IR-10170 Tiloc Enamel Coating  
 IR-10871 Lacquering of Tubular Metal Furniture  
 IR-10972 Lacquering of Tubular Metal Furniture  
 IR-10874 Lacquering of Tubular Metal Furniture  
 IR-11351 Advertising and Distribution of Paint Products  
 IR-12653 Silicon Coating Sheet Metal  
 IR-15648 Gum Resin and Turpentine  
 IR-15705 Traffic Marking Paint  
 IR-15786 Spray Finishing of Metal Cabinets  
 IR-15825 Paint Spraying

IR-16265	Insulated Enamel Coating for Electric Motor Windings	E-239	Paper Making by Hand
IR-16566EP	Painting of Food Machinery	E-259	Rice Straw Paper Manufacture
IR-16742	Flat Enamels for Painting Glass	IR-5972A	Manufacturing of Paper Containers
IR-16853	Specifications for Ship Paint	IR-6778	Coating Paper with Polyethylene
IR-17507	Bibliography on Paint and Resins	IR-6884B	Production of Coated Paper
IR-17630	Luminous Paint for Steel	IR-6895	Production of Parchment Paper
IR-17631	Traffic Marking Paint	IR-7031	Polyethylene Coated Paper Manufacture
IR-18800	Paint Drying Methods (Furniture)	IR-7432	Machines for Color Coating of Paper
IR-18950	Leather Paints	IR-8315	Manufacture of Latex Paper
IR-19032	Bibliography: Paint, Antifouling, Corrosion Control (Ships Hulls)	IR-9140	Manufacture of Corrugated Board and Boxes
IR-19570	Enameling Ovens—U.S. Manufacturers Baking Enamels and Metal Finishing Equipment	IR-10712	Market Analysis in the Paper and Pulp Industry
IR-20222	Aluminum Powder Production for Use in Paint Industry	IR-11537	Manufacture of Moisture Resistant Cardboard Tubes
IR-20570	Flow Coating (Paint) - Information on Method	IR-13583	Super Calendering for Finished Coated Paper
IR-21726	Naval Stores Industry—Manufacture of Turpentine and Resin	IR-14334	Manufacturing Paper from Straw
IR-22567	Nonsetting Red Lead Pigment, Manufacture from Litharge	IR-15133	Paper from Wood, Straw, Bagasse and Bamboo
IR-23209	Corrosion-Resistant Equipment for Distillation of Turpentine Resin	IR-15225	Paper Manufacturing
IR-23210	Corrosion-Resistant Equipment for Distillation of Colophony	IR-15226	Paper Board Production
IR-23471	Rosin Oil (Raw Material for Varnish) Obtained During Dry Distillation of Wood	IR-15372	Production of Diazo Type Paper
IR-23528	Paints and Pigments	IR-15407PR	Plant Requirements for Paper Mill
IR-23755	Colophony; Turpentine	IR-15873	Manufacture of Coated Paper
IR-24930	Varnishing Methods and Machinery—Bibliography	IR-16898	Bibliography: Newsprint
IR-24951EP	Print Spray Booths—Bibliography	IR-17122	Washing and Bleaching of Rags Prior to Use in Paper Manufacturing
IR-25116	Linseed Oil Extraction—Bibliography	IR-17506	Cardboard Boxes, Manufacture of
IR-25191	Turpentine and Rosin—Bibliography	IR-17979	Corrugated Paper Products
IR-25672	Production, Processing and Marketing of Macadamia and Tung Nuts	IR-18739	Cardboard Impregnation
IR-25709	Guar Gum—Bibliography	IR-18965	Cellophane
IR-26683	Chrome Pigments, Improvement of	IR-19707	Paper Thickness Gages - For Measuring Paper and Cardboard
IR-27934	Automobile Paint Shop	IR-20577	Pulp and Paper—Modern Methods for Manufacturing
IR-28757	Luminous Paint	IR-20843	Paper Box (Corrugated) Manufacture
IR-29706	Refinishing Commercial Vehicles	IR-20845	Paper Bags of Multiwall Construction
IR-30379	Varnish	IR-21164	Matches (Paper)—Small Production Methods
IR-30787	Automatic Spray Painting	IR-21522	Production of Bagasse Paper
PR-23	Paint	IR-21719/EP	Paper Containers: Milk, Fruit Juices, etc - Production of
PR-24	Paint and Varnish Brushes	IR-21762	Sandpaper, Manufacture of
		IR-21946	Paper Production, Including U.S. Sources Necessary Machinery
		IR-22233	Decalcomania, Small Plant for Manufacture
		IR-22469	Manufacture of Safety Matches
		IR-23187	Facial and Cleansing Tissue
		IR-23616	Paper
		IR-23738	Paper From Bagasse
		IR-24256	Stencil Paper
		IR-24329	Paper Standards
		IR-24362	Carbon Paper—Information on: Bibliography
		IR-24436	Manufacture of Gummed Paper Tape
		IR-24437	Manufacture of Pressure-Sensitive Masking Tape
		IR-24843	Drinking Straws—Bibliography
		IR-25994	Envelope Manufacture—Bibliography
		IR-26535	Pulp and Paper from Bagasse
		IR-26822	Printing Paper
		IR-27309	Deinking of Paper Stock
		IR-27447	Papier Mache Egg Boxes
		IR-27530	Cardboard Tubes
		IR-28929	Cellulose from Sugar Cane Bagasse

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CIR-1091	Pulp Molding
DK-83	The Use of Hardwood Pulps in Papermaking
DK-184	Manufacture of Fibre Cans and Tubes
DK-194	Industrial Adhesives and Their Application to Various Materials (Paper Products)
E-163	Manufacture of Paper from Hemp Hurds
E-201	Use of Sugarcane Bagasse as a Raw Material for Paper and Board Manufacture
E-205	Manufacturing Methods of Pulp and Paper
E-222	The Manufacture of Bagasse Board
E-228	How Blotting Paper is Made
E-229	Small Plant for Insulation and Hard Board Manufacture

IR-29153 Paraffined Paper Containers  
 IR-29264 Pulp Digestors, Semicheical  
 IR-29952 Pressboard  
 IR-30144 Budget Format (Paper Manufacture)  
 IR-30449 Pulp and Paper Manufacture – Bibliography  
 IR-30773 Bagasse – Bibliography  
 PO-6 Papermaking and Manufacture of Paper Products as a Small-Scale, Semimechanized, and Cottage Industry  
 PR-11 Coarse Wrapping Paper  
 PR-16 Corrugated Fiber Boxes  
 PR-32 Wall Board  
 PR-104 Paper Bags  
 TI-35 Sensitized Paper  
 TI-62 Newsprint and Stationery From Straw

### PETROLEUM

CIR-1016 Asphalt, Manufacture of Emulsified  
 CIR-1109 (Paraffin) Oil for Dust Mops  
 CIR-1132 Rapeseed Oil (as Additive for Petroleum Lubricants)  
 E-103 Production of Candles  
 E-249 The Manufacture of Paraffin Wax from Petroleum  
 IR-12674 Corrosion Inhibitors in Oil and Gas Refineries  
 IR-15800EP Manufacturing of Wax and Candles  
 IR-17422 Petroleum Refining  
 IR-17724 Bibliography of Petroleum Engineering  
 IR-18915 Oil Field Literature  
 IR-19157 Refinery Practices – Formulas for Predicting Gum Increase During Storage Motor Gasoline - Fluid Cracking Catalysts, etc.  
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 IR-20211 Oil - Methods of Transportation in U.S.  
 IR-20212 Oil Field Tools  
 IR-20353 Bibliography: Petroleum Chemistry  
 IR-20741 Oils - Drilling and Core (Cutting Tools)  
 IR-21559 Bibliography: Transportation and Distribution of Natural Gas  
 IR-21636 Petroleum and Petroleum Products (Storage) - Literature  
 IR-21638 Petroleum Products - Literature Merchandising Methods of  
 IR-21983 Petroleum Handling  
 IR-23218 Sulfonated Mineral Oils  
 IR-23402 Gasoline Plants  
 IR-23669 Petroleum Industry  
 IR-23670 Petroleum Industry  
 IR-25530 Crude Oil and Its Products - Bibliography  
 IR-25648 Sulfonated Oils - Bibliography  
 IR-25802 Industries Complementary to Oil Refining - Bibliography  
 IR-26124 Orthodichlorobenzene  
 IR-29777 Transportation of Oil  
 O-20 Natural Resources – Energy, Water and River Basin Development  
 TD-8 Kerosene Devices  
 TI-88 Bottled Liquid Petroleum Gas

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CIR-1131 Lavender Oil (Perfumes and Essential Oils)  
 BSB-51 Private Label Manufacturing of Cosmetics and Related Products  
 E-119 Methods of Extracting Volatile Oils from Plant Material  
 E-175 Equipment and Methods for Producing Oil and Oil-Cake from Cotton Seed  
 E-219 Manufacture of Hard Soaps  
 IR-10449 Formulating Bicillin-Dipenicillin G  
 IR-11583 Manufacturing and Merchandising of Pharmaceutical Products  
 IR-12928 Production of Pharmaceutical Products  
 IR-13005 Cracking, Blistering and Sanding of Soap Cakes  
 IR-15246 Plaster of Paris Bandages  
 IR-16138 Capsule Manufacturing  
 IR-16165 Surgical Cotton, the Process of  
 IR-17721 Plaster of Paris Bandages  
 IR-17931 Bibliography of Pharmaceutics  
 IR-20011&3 Pharmaceutical Equipment – Information U.S. Suppliers of  
 IR-20623 Bibliography on Cosmetics  
 IR-21770 Dentifrices – Formulation, Process Description, Equipment Suppliers and Packaging Requirements  
 IR-22058 Toothpaste  
 IR-22998 Eyebrow Pencils  
 IR-23029 Penicillin  
 IR-23994 Drug and Condiment Plants  
 IR-26191/2/3/4 Pharmaceutical Tablets  
 IR-26542 Castor Oil Plant  
 IR-26953 Cosmetic Factory (Equipment and Production)  
 IR-27332 Perfumes and Hair Tonics  
 IR-27544 Peppermint Oil and Menthol  
 IR-27800 Gelatine and Gelatine Capsules  
 IR-28182 Perfumes  
 IR-28503 Castor Oil (Medicinal)  
 IR-29374 Pharmaceutical and Drug Industry  
 IR-29467 Costs and Margins in Pharmaceutical Industry  
 IR-29541 Freeze Drying of Foods and Pharmaceuticals  
 IR-30842 Pharmaceutical Company, Organization and Financing  
 IR-30876 Dextran (Blood Plasma Substitute)  
 PR-78 Pharmaceutical Products  
 PR-121 Antibiotics  
 TI-39 Surgical Cotton

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BSB-75 Plastic Materials  
 BSB-143 Fibrous Glass Reinforced Plastic Containers  
 CIR-1111 Plastic Boats and Pontoons  
 DK-16 Sawing and Machining of Glass Reinforced Plastics  
 DK-162 Fabricating Plastics for Millwork  
 DK-180 Decorative Patterns are Obtained on Fabrics by Spraying with Vinyl Plastic in Liquid Dispersion

DK-194	Industrial Adhesives and Their Application to Various Materials (Plastic and Rubber)	IR-24520EP	Furfural - Bibliography
DK-205	Gluing Plastic Sheets to Furniture Cores	IR-24731EP	Artificial Sponges - Bibliography
DK-223	Meeting Toxicity Hazards of Epoxy Resins in Plastics Manufacture	IR-25238	Manufacture of Low Cost Plastic Ladies' Handbags
E-260	Plastics from Agricultural Materials	IR-25282	Fiberglass Plant—Bibliography
IR-5875	Production of Fountain Pens (Plastic)	IR-25637	Celluloid Spectacle Frames
IR-6134	Technicalities in Molding of Synthetic Plastics	IR-25658	Acrylate Emulsions and Other Polymer Products - Bibliography
IR-7020	Manufacture and Use of Synthetic Resin Bushings	IR-25955	Hose: Domestic and Industrial Fabricated from Reclaimed Rubber and/or Polyethylene
IR-7275	Bubble Formation in Polyvinylchloride Film	IR-25968	Plastic Bottles
IR-8375	Molded Plastic Type for Printing	IR-26085	Plastic Pipe (Flexible or Rigid)
IR-10064	Finishing of Saran Plastic Fabrics	IR-26107	Polyethylene Hose (Garden and Industrial)- Bibliography
IR-11600	Polyvinyl Acetate Resins as Additive for Cement	IR-26174	Fiberglass Reinforced Plastics
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IR-12359	Use of Polyvinyl Chloride for Clothing	IR-27202	Plastic Shaping
IR-13778	Manufacture of Plastic Pearl Beads	IR-27212	Acrylic Fibers
IR-13914	Coloring Process for Acrylic Resins	IR-27311	Plastic in Medical Bandages
IR-15353	Polyvinylchloride Plant	IR-27336	Plastic Bags for Soft Drinks
IR-15454PR	Plastic Manufacturing Plant	IR-27344	Polyethylene Bags
IR-15656PR	Plastic Coated Wire and Machinery for Application	IR-27918	Acrylic Plastic Articles
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IR-16215	Bibliography of Plastic Molding	IR-28757-A	Plastics (Toys) Letters, Numbers
IR-16538	Plastic Coatings for Steel	IR-28757-C	Switchboard Manufacture (Use of Plastics)
IR-16570EP	Plastic Pipe (Polyethylene)	IR-29011	Injection Molding of Plastics
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IR-16763	Production of Polyvinyl Acetate Emulsions	IR-29340	Plastic Building Materials
IR-17410EP	Polyurethane	IR-29328	Foam Furniture Cushions
IR-17464	Nonferrous Molds for Plastics	IR-29452	Heat Sealing Machinery for Polyethylene Film
IR-17831/32	Polyethylene Film	IR-29592	Latex Foam
IR-17986	Epoxy Resins	IR-29865	Plastics, Tooling
IR-17987	Manufacture of Plastics for Marbles	IR-30079	Floor Tile: Rubber and Vinyl
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IR-18753EP	Power Poles and Utility Poles Made of Plastic	IR-33092	Orig. of Lithography Shop Cost Accounting and Sales
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IR-19887	Spectacle Frames - U.S. Sources of Equipment for Plastic	IR-30916	Extruder (For Plastic Hose)
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IR-21687	Plastics —Sources of Up-to-Date Information	SBA-48	Use of Plastics and Tools, Dies and Jigs
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IR-23948	Plastics in Agriculture	TI-13	Furfural
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		DK-119	Planning Layouts for Printing Plants
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SRS	Quality Control (How It May Be Used)	IR-29161	Research — Its Place and Influence in Our Society — Bibliography
SSS-6	Increasing Productivity through Simplification, Standardization and Specialization	IR-29341	Documentation Service
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TA-75	Designing for High Profits	IR-29881	Market Planning
TB-3	Job Relations Training Manual	IR-30295	Marketing Research
TB-4	Job Instruction Training Manual	IR-30469	Marketing Research
TB-5	Job Methods Training Manual	RS-8	Oil Barrel Cupola
TB-8	Using Job Instruction Program	SBAMA-53	Small Business Profits from Unpatentable Ideas
TB-10	Job Relations Training Case Studies	SBAMA-63	How Food Brokers Help Small Manufacturers
TB-23	Effective Job Organization	SBAMA-69	Redesigning Products for Better Marketability
TB-32	Problems: Reducing Manufacturing Costs	SBAMA-117	Selecting Marketing Research Service
TB-33	Problems: Production Planning	SBAMRS-22	Small Business on the Eastern Oklahoma Lake Region
TB-66	Quality Control	SBAMRS-23	Forecasting in Small Business Planning
TB-68	Production Management Methods in a Small Shop	SBAMRS-24	Economic Opportunities for the State of Maine
TB-81	Purchasing (Supervisory Trainee Program)	SBAMRS-25	Vertical Integration in the Broiler-Growing Industry
TB-82	Production Planning and Control (Supervisory Trainee Program)	SSS-8	Variety Reduction — Questions and Answers
TB-83	Manufacturing and Manufacturing Engineer (Supervisory Trainee Program)	SBA-1	Products List Circular — Opportunities for Small Business (Issued Monthly)
TB-84	Job Analysis	SBA-1. 12:2	150 Questions for a Prospective Manufacturer
TB-87	Job Evaluation Operating Procedures	SBA-1.12:17	New Product Introductions for Small Business Owners
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TB-95	Controls and Supervision		
TB-97	Production Management		
TB-106	A Basic Course in Work Study		
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 ✓ IR-30159 Rubberized Fabrics  
 PO-14 Tire Recapping  
 PR-38 Rubber Sole Fabric Canvas Shoes  
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SBAMRS-2	Profit Control in Automobile Retailing
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SBAMRS-4	Small Plant Turnover and Failure
SBAMRS-5	Expanding Distribution and Warehousing in Alaska
SBAMRS-6	Small Business and the Superhighway Era
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SBAMRS-8	Problems and Practices of Tennessee Nurseries
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SBAMRS-10	Facts about Small Business Financing
SBAMRS-11	Hours of Operation in Retail Stores
SBAMRS-12	Organization Patterns in Small Business
SBAMRS-13	Vacationing Business in Maine
SBAMRS-14	Purchasing in the Small Manufacturing Plant
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SBAMRS-32	New Hampshire Mineral Potential
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SBAMRS-56	Use of Outside Information in Small Firms
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SBAMRS-59	The Pine Lumber Industry in Mississippi
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# *LABOR AND MANPOWER*



Representatives from 17 countries at a manpower seminar.

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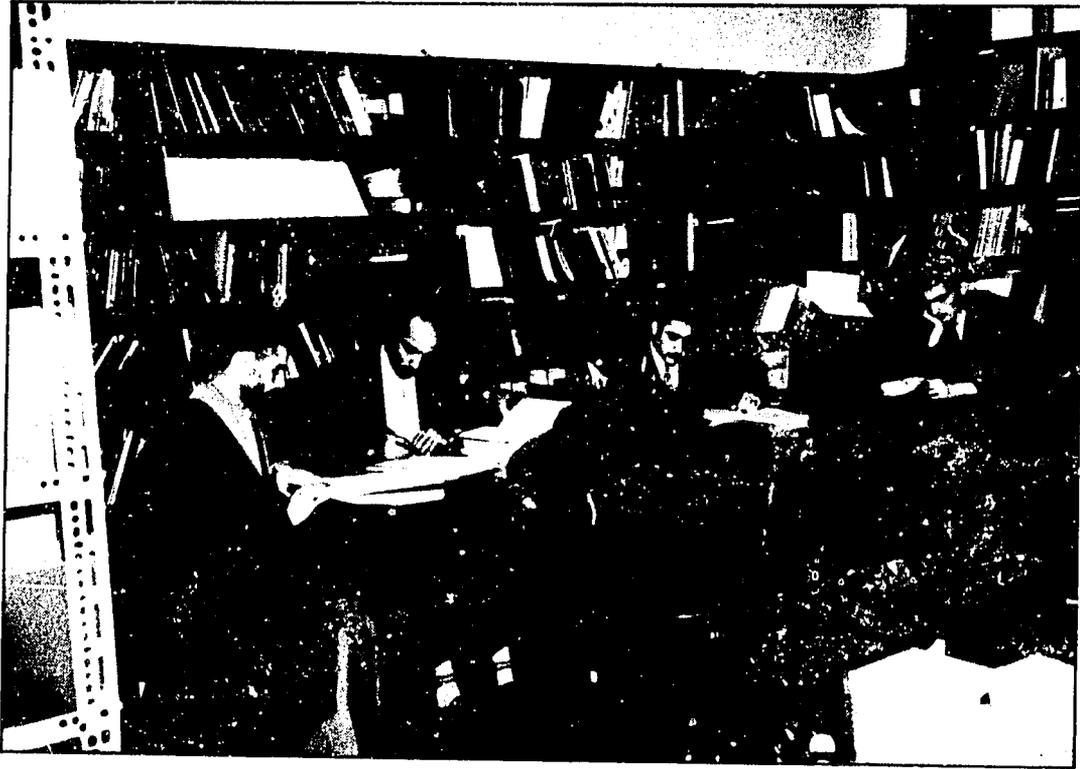
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# *PUBLIC ADMINISTRATION*



**In the library of a university institute for administrative affairs.**

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# PUBLIC ADMINISTRATION\*

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- ✓PAPR-39 Economic Development and Fiscal Reform
- ▷PAPR-40 Third Regional Conference on Public Administration for Latin America

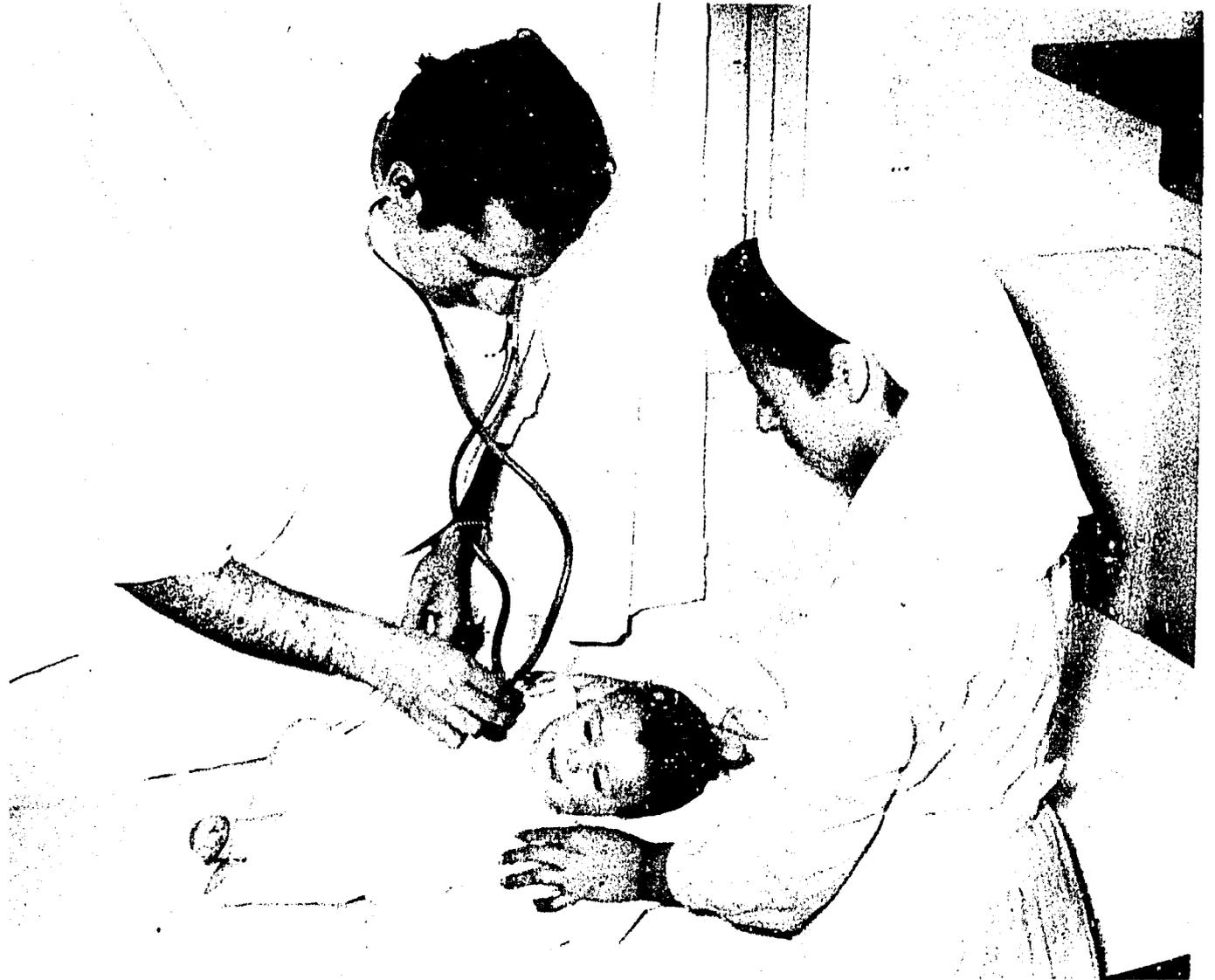
#### RECORDS MANAGEMENT

- PAPR-3 SP Restauración y Conservación de Documentos (The Repair and Preservation of Records)
- PAPR-32 Organizing Records
- PAPR-37 A Working Guide for Training in Records Management

#### TRAINING

- CDT-2 Making Council Meetings More Successful
- CDT-6 Conference on Conference Planning
- PAD-1 Cross-Cultural Training in Public Administration
- PAM-1 Education for Social Change
- PAM-5 Improving the Public Service Through Training
- PAPR-12 Asian Institutes of Public Administration
- PAPR-24 Second ICA Regional Conference on Public Administration
- PAPR-27 Technical Assistance – Training the Trainers
- PAPR-28 The Administrative Science Program at Bologna
- PAPR-39 Economic Development and Fiscal Reform
- PAPR-40 Third Regional Conference on Public Administration for Latin America

# PUBLIC HEALTH



At a health center.

*bfa*

# PUBLIC HEALTH\*

## BIBLIOGRAPHIES

- B-15 Industrial Technical Libraries of Paperback Books: "Public Health and Related Little Libraries"
- IR-17587 Bibliography of Pollution
- IR-18668 Bibliography of Waterwell Drilling
- IR-21639 Water Analysis and Water Softening
- IR-21990 Water Supplies and Plumbing (Household)
- O-32 A Selected List of U.S. Readings on Development
- PHB-1 A List of Health Information Leaflets and Pamphlets of the U.S. Public Health Service
- PHB-2 A List of Children's Bureau Publications, Social Security Administration
- PHB-3 Suggested List of Books and Journals for a Small Medical Reference Library

## GENERAL

- AG-17 School Lunch
- O-25 Health and Nutrition
- PH-1 AID in International Health
- PH-2 Anthropological Perspectives on Medicine and Public Health
- PH-3 Coordination of Small Hospitals and Community Health Centers
- PH-4 Ghana Medical School
- PH-5 Health Center Records
- PH-6 Health Education: Working Conference, Cholburi, Thailand
- PH-7 Inter-American Health Education Seminar
- PH-8 International Needs in the Field of Biomedical Communication
- PH-9 International Assistance in Medical Education
- PH-10 More Doctors for Indonesia
- PH-11 Sanitary Engineering Education in Peru
- PH-12 The Present State of Public Health in the African Sudan
- PH-13 The Doctor in International Health: United States Sponsored Program in Iran
- PH-14 The Emerging Adventure in World Health
- PH-15 The Challenge of International Health
- PH-16 Training Health Workers in Gondar, Ethiopia

## SANITATION SERIES

- PH-17 Drink Safe Water
- PH-18 How to Wash Your Clothes
- PH-19 Personal Cleanliness
- PH-20 Wash Dishes Right
- PH-21 Get Rid of Household Pests
- PH-22 Dispose of Wastes

## COMMUNITY WATER SUPPLY

- CI-11 Village Technology Handbook
- CWS-1 A Report on Reconnaissance Survey of Community Water Supplies of Ceylon Administration and Financing of Urban Water Supplies --Course Syllabus
- CWS-2 Bases for Formulation of National Plans for Potable Water Supplies
- CWS-3 Bilharziasis
- CWS-4 Cleaning Methods for Deep Wells and Pumps
- CWS-5 Domestic Water Supply Demineralization at Coalinga
- CWS-6 Engineering Aspects of Financing Sewage Authority Projects
- CWS-7 Far East-Southeast Asia Regional Seminar - Engineering Management of Water Supply Systems
- CWS-8 Impact of Desalinization on the Water Economy
- CWS-9 Maintenance and Operation of Water Plants and Systems
- CWS-10 Methods of Setting and Pulling Johnson Well Screens
- CWS-11 Near East-South Asia Regional Seminar - Engineering Management of Water Supply Systems
- CWS-12 Potable Water Supplies in Costa Rica - Report on a Socioeconomic Pilot Study
- CWS-13 Proceedings of Symposium on Waste Stabilization Lagoons - Kansas City, Missouri
- CWS-14 Report on Global Urban Water Supply Program Cost in Developing Nations
- CWS-15 Safety Practice for Water Utilities
- CWS-16 Sewage Stabilization Ponds in Africa
- CWS-17 Some Techniques of Development Lending
- CWS-18 Supplementary Reading on Water Utility Management
- CWS-19 Thailand's Village Health and Sanitation Project
- CWS-20 The Financing Possibilities for Water Supply Systems in Underdeveloped Countries
- CWS-21 The Occurrence of Ground Water in the United States
- CWS-22 Water Quality and Treatment
- CWS-23 Water Supply Administration in Peru
- CWS-24 Water Utility Administration in Waukesha, Wisconsin
- CWS-25 Wells - Technical Manual
- CWS-26 Administracion de Sistemas Publicos de Agua (Water Utility Management)
- CWS-27 SP Manual de Tarifas de Agua (Water Rates)
- CWS-28 SP Medidores de Agua (Water Meters)
- CWS-29 SP No Basta con Dar Servicio Callado: (Silent Service is Not Enough)
- CWS-30 SP

\*See also "Water and Public Sanitation".

CWS-31SP	Saneamiento Urbano y Rural (Municipal and Rural Sanitation)	IR-23222	Control of Evaporation from Water Storage Reservoirs
DK-46	Operation and Maintenance of Water Distribution Systems	IR-26940	Bottled Drinking Water
E-170	Construction and Protection of Drilled Water Wells	O-20	Natural Resources –Energy, Water and River Basin Development
IR-12965	Removal of Phenol from Waste Water		
IR-15117	Public Waterworks; Water and Piping Treatment		
IR-16328	Water Treatment	ME-1	Global Eradication of Malaria Depends on Effective Administrative Practice
IR-17404EP	Underground Water Detection	ME-2	Malaria Eradication Activities in Asia
IR-17909	Evaporation Prevention of Water	ME-3	Report and Recommendations on Malaria: A Summary
IR-19910	Water Purification by Elimination of Industrial Wastes	ME-4	Status Report on Malaria Eradication
IR-22887EP	Drilling for Underground Water Research	ME-5	The 1958 Malaria Epidemic in Ethiopia

#### **MALARIA ERADICATION**

In February 1963, the United Nations Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas was held in Geneva. Many papers were prepared in the United States on a wide range of pertinent subjects. They have been printed as a series and are available from the Agency for International Development.

**Code Title**

- 0-20 Natural Resources—Energy, Water and River Basin Development
- 0-21 Natural Resources—Minerals and Mining; Mapping and Geodetic Control
- 0-22 Agriculture
- 0-23 Industrial Development
- 0-24 Transportation
- 0-25 Health and Nutrition
- 0-26 Social Problems of Development and Urbanization
- 0-27 Organization, Planning and Programming for Economic Development
- 0-28 Scientific and Technological Policy, Planning and Organization
- 0-29 International Cooperation and Problems of Transfer and Adaptation
- 0-30 Human Resources—Training of Scientific and Technical Personnel
- 0-31 Communications
- 0-32 A Selected List of U. S. Readings on Development